# LLOYD'S REGISTER OF SHIPPING

# CASUALTY RETURN

MERCHANT SHIPS TOTALLY LOST, BROKEN UP, Etc.,
DURING THE QUARTER ENDED 31st MARCH, 1970

(as reported up to 31st October, 1970)

NOTE: It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Casualty Return for the quarter ended 31st March, 1970"

Enquiries should be addressed to The Secretary, Lloyd's Register of Shipping, 71, Fenchurch Street, London, EC3M 4BS

			Merchai	NT FLERTS OF						HOW	LOST									
	FLAC	}	THE WORLE	D AS RECORDED STICAL TABLES 1969	FOU	NDERED	MI	SSING	ВЦ	JRNT	COLI	NOIZL	WRI	ECKED	LOST	r, etc.	TOTA	L LOST	TOTA PERCE	L LOSS
			No. of Ships	Total Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	of Ships	of Tonnage
	GREAT BRITAIN & I	V. Ireland	3,858	23,843,799	1	522				•••							1	522	0.03	0.00
Ē	Australia		321	893,613							•••		•••				ļ <b>.</b>			
_ <del>\</del> \	Canada		1,278	2,450,944	1	181				•••					1	337	2	518	0.16	0.02
BRITISH MONWEAL	Cyprus		134	770,463	•••	•••	•••	•••			•••	•••	1	7,192		•••	1	7,192	0.75	0.93
BRU (SMO)	Hong Kong		126	707,748																•••
COMM	India		397	2,238,344		•••			•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	
	OTHER COMMONWE	alth Countries	1,075	2,253,340	1	135						•••	1	4,860			2	4,995		
			210	1 017 646																
	NTINA		319	1,217,646	• • • • • • • • • • • • • • • • • • • •	•••	•••	•••	•••		•••	•••	•••	•••	• • • •	•••	•••	•••	•••	•••
BELG			228	1,051,882	•••	•••	•••	•••	•••		•••	•••	•••	•••	• • •	•••		•••	•••	•••
BRAZ			414	1,381,458		•••	•••	•••	• • • •		•••	•••	•••	•••	•••	•••	•••	•••	•••	•••
CHIN.	a (Taiwan)		216	961,807	• • • • • • • • • • • • • • • • • • • •	•••	•••	•••	•••	•••	•••	***	•••	•••	•••	•••	•••	•••	•••	•••
DENM	IARK		1,194	3,490,334	1	300		• • • •			•••		1	297	• • • •		2	597	0 · 17	0.02
FINL			388	1,330,488		•••	•••	• • •	•••			•••		•••	•••	• • •		•••		
FRAN			1,432	5,961,963	3	384	•••	•••	•••	•••	•••	•••	•••	•••	1	246	4	630	0 · 28	0.01
GERM	iany (East)		371	895,932		•••	•••	•••		•••	•••	•••	•••	•••	•••	•••	• • • • • • • • • • • • • • • • • • • •	•••	•••	•••
GERM	IANY (WEST)		2,768	7,027,384	1	1,831					1	496					2	2,327	0.07	0.03
GREE	CE		1,700	8,580,753		•••		•••	1	1,534			4	17,570			5	19,104	0.29	0.22
INDO	NESIA		463	598,155		•••								·		•••		·		
ISRAE	L		114	769,156		•••		•••		•••										•••
ITALY	,		1,552	7,037,846	2	3,205		•••	•••	•••			1	470			3	3,675	0.19	0.05
JAPAN			7,665	23,987,079	3	36,656					1	475	í	11,463			5	48,594	0.07	0.20
LEBAI	1		95	295,038			•••		1	2,736	1	291				•••	2	3,027	2.11	1.03
Liber			1,731	29,215,151	4	43,649		•••			•••		2	14,883			6	58,532	0.35	0 · 20
Neru	ERLANDS		1,652	5,254,883	1	5,157											1	5,157	0.06	0 · 10
Norv			2,848	19,679,094	3	12,120	•••	•••	2	4,767	1	470		194	•••	•••	7	17,551	0.25	0.09
PANA			823	5,373,722	2	4,231		•••		•			1	850	•••	•••	3	5,081	0.36	0.09
	PPINES		297	929,317				•••	•••		•••	•••	1	2,214		•••	1	2,214	0.34	0.24
<b>.</b>																				
POLA			484	1,536,384			•••	• • •	•••	•••	•••	•••	•••	•••	•••	•••				
PORT	'		364	825,355	1	105	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	1	105	0.27	0.01
	IA (U.S.S.R.)		5,622	13,704,640		2.252	•••	•••	• • •	•••	•••	•••			•••	• • • •		2.246	0.10	0.10
SPAIN	•		2,119	3,199,035	3	2,253	•••		•••	•••	•••	•••	1	993	•••	•••	4	3,246	0.19	0 · 10
SWEE			1,051	5,029,407	2	575	•••										2	575	0 · 19	0.01
Turk			312	651,325	2	3,162		•••	•••					•••	•••	•••	2	3,162	0.64	
	ed States of Americ	CA	3,146	19,550,394	4	1,208	•••	•••	2	446			1	10,232	• • • •		7	11,886	0.22	
Yugo	OSLAVIA		349	1,427,935		•••	•••	•••	•••	•••		•••	1	7,217	•••	•••	1	7,217	0 · 29	0.51
Отн	ER COUNTRIES		3,370	7,539,079	7	2,672							7	13,511			14	16,183		
WOE	RLD TOTALS		50 276	211,660,893	42	118,346			6	9,483		1,732	24	91,946	2	583	78	222,090	0.16	0 · 10

# STEAMSHIPS AND MOTORSHIPS

## DETAILS OF CASUALTIES TABULATED ON PREVIOUS PAGE

(excluding ships of less than 100 tons gross)

#### **EXPLANATIONS OF CONTRACTIONS**

#### FLAG

Alb = Albania Alg = Algeria Amr = U.S. of America Arg = Argentina	Den = Denmark Ecu = Ecuador Egy = Egypt (U.A.R.) Eth = Ethiopia	Itl = Italy IvC = Ivory Coast Jam = Jamaica Jpn = Japan	Ptg = Portugal Qat = Qatar Rou = Roumania Rus = Russia (U.S.S.R.)
Ast = Australia Aus = Austria BH = British Honduras Bah = Bahamas	Far = Faroe Islands Fij = Fiji Fin = Finland Fra = France	Ken = Kenya Kor = Korea (South) Kuw = Kuwait Lbn = Lebanon	SAf = South Africa Sau = Saudi Arabia Sen = Senegal S.Is = Solomon Islands
Bds = Barbados Ber = Bermuda Blg = Belgium Brd = Burundi	GBI = Great Britain and Northern Ireland G(E) = Germany (East) G(W) = Germany (West) Gab = Gaboon	Lby = Libya Lib = Liberia Mad = Madagascar Mai = Malaysia	Sng = Singapore Som = Somali Republic Spn = Spain St.V = St. Vincent
Brz = Brazil Bul = Bulgaria Bur = Burma Cam = Cambodia	Gam = Gambia Gha = Ghana Gib = Gibraltar Gre = Greece	Mau = Mauritania Mex = Mexico Mon = Monaco Mor = Morocco	Sud = Sudan Swd = Sweden Swz = Switzerland Syr = Syria
Can = Canada Cay = Cayman Islands Cba = Cuba Cey = Ceylon	Gua = Guatemala Gui = Guinea Guy = Guyana HKg = Hong Kong	Mta = Malta NG = New Guinea NH = New Hebrides NZ = New Zealand	Tan = Tanzania Tha = Thailand Ton = Tonga Tri = Trinidad
Cgo = Congo (Kinshasa) Chl = Chile ChR = China, People's Rep. of	Hai = Haiti Hgy = Hungary Hon = Honduras	Nic = Nicaragua Nig = Nigeria Nor = Norway Nth = Netherlands	Trk = Turkey Tun = Tunisia Urg = Uruguay Ven = Venezuela
ChT = China (Taiwan)  Cmb = Colombia  Com = British Commonwealth  CR = Costa Rica	Icl = Iceland  Ida = India Idn = Indonesia IR = Irish Republic	Pak = Pakistan Pan = Panama Par = Paraguay Per = Peru	VI - Virgin Islands V(N) = Vietnam (North) V(S) = Vietnam (South) Yem = Yemen
Cyp = Cyprus  Cze = Czechoslovakia  Dca = Dominican Republic	Irn = Iran Irq = Iraq Isr = Israel	Phi = Philippines Pol = Poland	YmS = Yemen (South) Ygs = Yugoslavia

#### DESCRIPTION

а	<ul> <li>Auxiliary</li> </ul>	f	- Ferro-concrete	irn	- Iron	rp	- Reinforced plastic	(T)	<ul> <li>Oil Tanker</li> </ul>
C	<ul> <li>Composite</li> </ul>	gts	- Gas turbine ship	m.	<ul> <li>Motorship</li> </ul>	s.	- Steamship	w	Wood

N.B.—Unless otherwise stated, all steamships and motorships were of steel construction

#### **Foundered**

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
LAIRDSFIELD 1953	522	GBI	m. cargo	River Tees—Cork	Steel	Capsized and sank 1 mile E. of Tees Fairway Buoy, in lat. 54 40 8N., long. 1 6 45W; subse- quently raised and broken up.	6th Feb.
MARION CROUSE 1947	181	Com (Can)	w.m. fishing		•••	Sprang leak in engine room and sank near Port Hawkesbury, in approx. lat. 45 56N., long. 61 50W., in heavy weather.	14th Jan.
CARIDAD 1928	135	Com (VI)	m. cargo		Cement	Sprang leak and sank in lat. 18 18 45N., long. 64 39 30W., whilst at anchor due to engine trouble.	14th Feb.
HIGH SEAS 1945	366	Amr	w.m. fishing		•••	Sprang leak and sank 2½ miles off Point Loma, San Diego, California.	10th Mar.
INTREPID 1965	196	Amr	m. tug		•••	Near Yakutat, Gulf of Alaska, whilst towing a barge in heavy weather.	20th Feb.
MARYDEL 1927	171	Amr	w.m. cargo	Smith Douglas, Norfolk—Balti- more	Fertiliser	Off New Point Comfort Light, Chesapeake Bay.	4th Jan.

## Foundered-continued

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
NORMANDIE 1938	475	Amr	w.m. fishing		•••	In lat. 6 10N., long. 90 2W.	16th Mar
<b>RENATE S</b> 1965	300	Den	m. cargo	Par—Algeciras	Bagged clay	In lat. 46 50N., long. 6 42W., after listing in heavy weather.	12th Feb.
<b>AGAMI</b> 1960	116	Fra	m. trawler		· · · · · · · · · · · · · · · · · · ·	In vicinity of Parsons Bank, in approx. lat. 6 30W., long. 48 20N.	about 11th Feb.
BUCENTAURE 1959	120	Fra	m. trawler		•••	Capsized and sank near Penzance in lat. 49 20N., long. 6 43W., in heavy weather.	23rd Jan.
NADIA 1964	148	Fra	m. trawler			Capsized and sank five miles N.W. off Pen Men, Ile de Groix.	4th Mar.
ROTNA 1940	1831	G(W)	m. ferry		•••	In lat. 53 50N., long 4 10E., whilst in tow from Hamburg to Barcelona in heavy weather.	28th Mar.
<b>SAEFARI</b> 1960	101	Icl	m. fishing			Approx. 30 miles off Kopanes in heavy weather.	9th Jan.
FUSINA 1957	2706	Itl	m. cargo	Porto Vesme— Venice	Lead ore	Off S.W. coast of Sardinia due to cargo shifting in heavy weather.	16th Jan.
MELANIA 1938	499	Itl	m. cargo	San Antioco— Leghorn	Barytes	Ten miles S. of Leghorn after cargo shifted in heavy weather.	9th Feb.
CALIFORNIA MARU 1965	34001	Jpn	m. ore carrier	Los Angeles— Wakayama	Iron ore pellets	In lat. 35 20N., long. 143, 57E., in heavy weather.	10th Feb.
NAMISHIMA MARU 1966	2302	Jpn	m. cargo	Rumoi— Wakayama	Coal	Capsized and sank off Cape Mitare, Hokkaido, in heavy weather.	17th Jan.
TOATSU MARU 1961	353	Jpn	m. cargo	W. Japan— Yokohama	Steel rods	Capsized and sank off Izu Peninsula in heavy weather.	5th Jan.
ALBACRUZ 1954	12947	Lib	s. tanker	La Salina— Antwerp	Crude oil	In lat. 40N., long. 17W., after engine room flooded in heavy weather.	14th Jan.
ANTONIOS DEMADES 1963	15977	Lib	m. bulk carrier	New York— Kimitsu	Scrap iron	Sprang leak and sank in lat. 33 11N., long. 158 8E.	7th Feb.
NICOLAS P 1950	2612	Lib	m. cargo	Sfax-Hamburg	Phosphate	Sprang leak in No. 1 hold and sank in lat. 46 44N., long. 5 27W.	18th Feb
SOFIA P 1954	12113	Lib	m. tanker	Houston— Singapore	Avgas and turbo fuel	Broke in two in lat. 32 7N., long. 151 23E., in heavy weather and forepart sank; aftpart sank in lat. 31 5N., long. 153 15E., on 12th January.	6th Jan.
GEOPOTES VIII 1964	5157	Nth	m. trailing suction hopper dredger	Rotterdam— Milford Haven	•••	In lat. 50 27N., long. 5 55W., after engine room flooded in heavy weather.	8th Feb.
GEZINA BRÖVIG 1951	11177	Nor	m. tanker	Aruba— Bucksport	Heating oil	In lat. 22 48N., long. 69 40W.	31st Jan
NORMANNVIK 1956	496	Nor	m. cargo	Hakonhals— Runcorn	Felspar	Sprang leak and sank in lat. 58 11N., long. 5 44W., in heavy weather.	18th Mai
TRØNDERBAS 1967	447	Nor	m. fishing			Sprang leak and sank in lat. 56 14 7N., long. 5 10 5E., in The avy weather.	15th Jan
ETERNITY 1945	3394	Pan	s. cargo	Cambodia— Hong Kong	Cattle and rice	Capsized and sank in lat. 22 2 22N., long. 114 17E., in heavy weather.	12th Mai
<b>SEDCO HELEN</b> 1969	837	Pan	m. supply		•	In Joseph Bonaparte Gulf, 160 miles S.W. of Darwin, whilst in attendance to a drilling rig.	31st Jan

## Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
ADA 1961	110	Per	w.m. fishing			Off Chimbote.	4th Feb.
BLANDI 1963	100	Per	w.m. fishing			Off Chimbote.	21st Jan.
DON IVAN 1963	100	Per	w.m. fishing		•••	Capsized and sank off Chimbote in dense fog.	20th Jan.
MARGARITA 1962	110	Per	w.m fishing			Off Chimbote.	11th Feb.
MARICLARA 1964	125	Per	w.m. fishing			Off Chimbote.	5th Jan.
ILDUT 1913	105	Ptg	w.aux.m. cargo			Dragged anchors near Tarrafal and sank between St. Nicho- las Island and St. Vincent in heavy weather.	17th Mar.
MIRA 1946	2026	Som	s. cargo	Turkey—France	Chrome ore	Fifteen miles S.W. of Katakolo.	14th Mar.
BAYONA 1935	138	Spn	s. trawler		•••	Two miles off Sisargas Islands due to fracture of oil fuel tanks.	13th Feb.
<b>CAPRICHO</b> 1930	118	Spn	m. cargo	Las Palmas— Villa Cisneros	General	Sprang leak and sank off Villa Cisneros in heavy weather.	10th Jan.
EL MOLINON 1966	1997	Spn	m. cargo	Marbella (Malaga)— Aviles	Iron ore	In lat. 37 11N., long. 9 4W., due to cargo shifting.	17th Jan.
RENATA 1951	449	Swd	m. cargo	Norton, LillesandRotterdam	Carburun- dum	Thirty miles S. of Oksoy light- house due to cargo shifting.	3rd Mar.
SKREDSVIK 1964	126	Swd	w.m. fishing		•••	In lat. 59 5N., long. 1 5W., in heavy weather.	19th Jan.
AMASYA 1955	3013	Trk	m, cargo	Mudanya— Swansea	• • •	Sprang leak in No. 2 hold and sank in lat. 46 55N., long. 6 40W., in heavy weather.	17th Feb.
DEMIRCI I 1968	149	Trk	m. cargo	Eregli— Istanbul	Pig iron	Near Kefken Island, 40 miles from Eregli.	21st Mar.

#### Burnt

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ENTERPRISE 1945	118	Amr	m. fishing			Destroyed by fire off Nanaimo.	8th Jan.
MAY QUEEN 1949	328	Amr	w.m. cargo			Burnt and sank in Coisco Bay.	27th Jan.
<b>AKROTIRI</b> 1952	1534	Grc	m. cargo		General	Sustained serious fire damage after explosion in engine room in Constanza Roads; subsequently condemned and sold for breaking up.	1st Feb.
SAN GERASIMOS 1950	2736	Lbn	s. cargo	Galatz—Lisbon	Maize	Caught fire after explosion in engine room in lat. 37 15N., long. 19E; taken in tow but sank 70 miles W. of Zante Island.	21st Mar.
FISTERFJORD 1921	142	Nor.	w.m. cargo			Burnt and sank at Foreneset, Ryfylke.	16th Feb.
THORDIS PRESTHUS 1953	4625	Nor	m. cargo	Baltimore— La Guaira	General	Severely damaged by fire in engine room 85 miles off North Carolina; towed to Norfolk where condemned, subsequently towed to San- tander and broken up.	18th Jan.

## Collision

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place Date
INKA 1955	496	G(W)	m. cargo	Heroya—Esbjerg	Nitrate	Sank after collision with BLENDA at Graadyb Bar; subsequently raised and converted for use as a non-propelled barge.
NISSHIN MARU 1969	475	Jpn	m. cargo	Yasugi-Fushiki	Pig iron	In collision with Kiyo Maru No. 1015 miles N.E. of Kana- zawa in heavy weather; sub- sequently drifted and was wrecked on nearby rocky coast.
<b>AL FARES</b> 1947	291	Lbn	m. cargo	Constantza— Lattakia	Butter	Sank after collision with tanker off Marmara Island, in lat. 40 41 8N., long. 27 34 2E., in heavy weather.
ANSI 1947	470	Nor	m. cargo	Antwerp—Oslo	Steel wire	Sank after collision with 22nd Fe ARAGON, five miles W. of Terschelling.

Wrecked
(Under this heading are included ships lost through stranding, or striking rocks, sunken wrecks, etc.)

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
VASSILIKI 1944	7192	Com (Cyp)	s. cargo	Augusta—Havana	Fertiliser	On rocks off Mayaguana Island, Bahamas, in lat. 22 28 46N., long. 73 8W.	31st Mar
FORTUNE TRADER 1947	4860	Com (Sng)	s. cargo	Moji— Chinwantao	Ballast	Off N.W. coast of Iki Island, in lat. 33 55N., long. 129 40E., in heavy weather.	4th Jan.
COTTONWOOD 1944 CREEK	10232	Amr	s. bulk carrier	New Orleans— Saigon	Wheat and rice	On reef off Honduras, in lat. 15 51N., long. 82 18W., in heavy weather.	5th Jan.
DON ELIAS 1944	356	Cmb	m. cargo		Gypsum	On rocks at San Juan de Guia, 25 miles E. of Santa Marta, in heavy weather.	7th Mar.
ARACELIO IGLESIAS 1963	9732	Cba	m. cargo	Nueritas— Haiphong	Sugar	On rocks off Hainan Island, in lat. 20 22N., long. 110 47E.	17th Mar
LONE WIESE 1965	297	Den	m. cargo	Dagenham— Kristiansand S	Coke	Stranded and sank four miles E. of Ryvingen lighthouse.	21st Feb.
HADIA 1967	419	Egy	m. tanker		•••	On rocks near Abu Ghosoun in Red Sea.	25th Jan.
ELDA 1942	692	Grc	m. cargo	Ravenna— Kenitra	Fertilisers	Dragged anchors and grounded on beach E. of Mehidia after sustaining engine trouble in heavy weather.	10th Jan.
EPIROS 1947	1769	Grc	m. cargo	Piræus—Lemos	····	On rocks off Skyros Island in dense fog.	30th Jan.
FILTRIC 1956	7541	Grc	s. cargo	Copenhagen— Alexandria	Grain	On rocks at Punta Curra, near Lira, after cargo shifting in heavy weather.	12th Jan.
MANES P 1955	7568	Grc	m. cargo	Tyne— St. John, N.B.	Ballast	On rocks South side of Part- ridge Island, St. John, N.B., in heavy weather.	3rd Feb.
L'AFFRANCHIE —	650	Hai	m. cargo	Kingston— Port au Prince	Caustic soda	On reef two miles S. of Morant Point.	12th Jan
<b>CUMA</b> 1936	470	Itl	m. cargo		•••	Stranded at Cape Corvo; subsequently refloated and arrived at La Spezia where condemned and sold for breaking up.	5th Jan.
<b>KUKO MARU</b> 1967	11463	Jpn	m. bulk carrier		Lumber	Struck breakwater and sank at Onahama after breaking moorings in heavy weather.	31st Jan.

#### Wrecked-continued

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
BALTIQUE 195	480	Lby	m. cargo	Tripoli (Libya)— Constanza	Ballast	On rocks at Imroz Island in heavy weather.	8th Jan.
ARROW 194	11379	Lib	s. tanker	Amuay Bay— Port Hawkesbury	Fuel oil	On rocks at Chedabucto Bay in lat. 45 27N., long. 61 6 30W., in heavy weather.	4th Feb.
SAINT GEORGES 194	3504	Lib	s. cargo	Ravenna—Pazar	Ammo- nium sulphate	On rocks near Cape Akrotiri, four miles S. of Koronia.	2nd Mar.
CHAOUEN 196	1 1550	Mor	m. cargo	Casablanca— Marseilles	Agricul- tural products	On rocks off Planier Island, near Marseilles.	21st Feb.
<b>HAVSUND</b> 193	5 194	Nor	m. fishing		• •••	On Tjorveneset, Lista, in fog.	11th Mar.
WESTERN 194 VENTURER	4 850	Pan	m. cargo		•••	On rocks at Samana Cay, Bahamas.	13th Jan.
STA. FE 195	1 2214	Phi	m. cargo	Canaybon — (Samar)	Copper concentrates	On rocks two miles N.E. of Sulat, Eastern Samar, in heavy weather.	8th Jan.
RIO MERO 194	1 993	Spn	s. cargo	Canary Islands— Valencia	Ammonia	In lat. 36 40 54N., long. 2 46 12W.	21st Jan.
TRUONG KY 196	324	V(S)	m. cargo	Phu-Quoc Island —Saigon	Ballast	In lat. 9N., long. 105 40E., in heavy weather.	1st Feb.
KOLASIN 194	3 7217	Ygs	s. cargo	Ploce—Tuapse	Ballast	Thirty-five miles S. of Tuapse in lat. 43 49 45N., long. 39 26 5E., in heavy weather.	21st Jan.

# Lost (Under this heading are included total losses which for want of sufficient information, or for other reasons, cannot be classified)

Ship's Name and Year of Build	Tons Gross	Fiag	Туре	Voyage	Cargo	Circumstances and place	Date
NORTHERN TRADER 1945	337	Com (Can)	w.m. cargo		•••	Sunk by ice off Point Roti, Bay D'Espoir.	10th Jan.
JEAN GOUGY 1959	246	Fra	m. trawler		•••	In approximately lat. 49 52N., long. 6 24W.	Feb

#### REINSTATE

Seiko Maru No. 8, 193 tons gross motor fishing vessel built 1963, Jpn flag. Reported wrecked on page 72 of Annual Summary, 1968. Now reported refloated, repaired and renamed Sea Bird.

#### ADDITIONAL INFORMATION

Bahamas Drake, 161 tons gross wooden motor cargo ship, built 1942, Com(Bah) flag. Wrecked at Farmers Cay Bank on 29th December, 1969.

SOIKA, 313 tons gross steam whaler built 1925, Com(Can) flag. Scuttled six miles from Conception Harbour, Nfl., in 1968.

Sposa, 316 tons gross steam whaler built 1926, Com(Can) flag. Scuttled six miles from Conception Harbour, Nfl., in 1968.

OBA OVONRAMWEN, 5643 tons gross motor cargo ship built 1948, Com(Nig) flag. Stranded Carpenter Rock on 12th May, 1969; subsequently refloated, towed to Hamburg and broken up.

VOLTURNO, 298 tons gross wooden motor cargo ship built 1944, Itl flag. Wrecked at Fiumefreddo Bruzio, near Paola, Calabria, on 1st May, 1969, in heavy weather.

MARINA, 594 tons gross motor ferry built 1949, Nor flag. Burnt and sank at Skien, Norway, on 17th December, 1969; subsequently refloated, towed to Fredrikstad and converted for use as a non-propelled barge.

Baracaldo, 112 tons gross steam trawler built 1949, Spn flag. Sprang leak and sank 22 miles from Corunna on 31st October, 1969.

# STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC. DURING THE QUARTER NOT CONSEQUENT UPON CASUALTY

Flag	No.	Tons Gross	Flag No. Tons Gross
E (Great Britain &			Japan 6 44,528
Northern Ireland	26	96,602	Liberia 13 92,209
Australia	3	2,817	Netherlands 4 8,323
EZ Canada	1	2,362	Norway 9 7,246
Cyprus	6	47,298	1101/mg /// /// /// /// /// /// ///////////
Great Britain & Northern Ireland Australia Canada Cyprus Pakistan	1	11,193	Panama 22 113,268
0 (1 1111111111111111111111111111111111		,	Philippines 3 10,986-12403
			Poland 1 4,911
Argentina	1	372	Russia (U.S.S.R.) 2 3,176
Belgium	1	1,004	1400th (O.0.0.11.) 2 3,110
Brazil	10	58,406	Somali Republic 1 3,539
Chile	1	2,794	Spain 2 6,174
Onne		2,72	Sweden 2 12,269
			Tunicio 1 4 159
China (Taiwan)	9	57,247	Tunisia 1 4,130
Egypt (U.A.R.)	1	10,315	Turkey 1 6,790
France	1	2,613	United States of America 46 338,994
Germany (West)	4	18,658	Venezuela 1 1,865
Germany (West)		10,050	Yugoslavia 5 21,067
Greece	15 1 1	103,516 7,710 540 26,104	World Total 205 <del>1,129,054</del>
Italy	4	20,104	(1,30,47)

Ship's Name and Year of Build		Tons Gross Flag	Туре	Disposal	Where disposed of
ADAPTITY	1945	945 GBI	m. cargo	Broken up	United Kingdom
ATLANTIC COCK	1932	182 GBI	s. tug	Broken up	Belgium
BISHOPDALE	1937	8415 GBI	m. tanker	Broken up	Spain
BORDER KEEP	1953   1	1321 GBI	m. tanker	Broken up	China (Taiwan)
BROOK	1932	347 GBI	s. pilot tender	Broken up	Belgium
CABATEAL	1947	4388 GBI	m. cargo	Broken up	China (Taiwan)
CRESTED COCK	1935	177 GBI	s. tug	Broken up	Belgium
DAWN WATERS	1930	124 GBI	m. fishing	Broken up	United Kingdom
EDDYNESS	1954	2172 GBI	s. tanker	Broken up	Spain
FILBY QUEEN	1955	181 GBI	m. trawler	Broken up	United Kingdom
FORT CONSTANTINE	1944	7230 GBI	s. cargo	Broken up	West Germany
HONGKONG IMPORTER	1944	9888 GBI	s. cargo	Broken up	China (Taiwan)
JACINTH	1937	651 GBI	m. cargo	Broken up	United Kingdom
JEB LEE	1944	7542 GBI	s. cargo	Broken up	Hong Kong
NORTHERN PRINCESS	1949	677 GBI	s. trawler	Broken up	United Kingdom
ORMESBY QUEEN	1954	181 GBI	m. trawler	Broken up	United Kingdom
ORMSARY	1953	6859 GBI	s. bulk carrier	Broken up	Spain ·
RAMBLE	1915	151 GBI	m. cargo	Broken up	United Kingdom
SOUDAN	1948	9080 GBI	m. cargo	Broken up	China (Taiwan)
SPINEL	1937	654 GBI	m. cargo	Broken up	United Kingdom
SURF PIONEER	1951	7742 GBI	m. tanker	Broken up	Spain
T.I.C. No. 24	1924	613 GBI	s. hopper barge	Broken up	United Kingdom
TYNESIDER	1942	262 GBI	s. tug	Broken up	United Kingdom
WAVE DUKE	1945	8199 GBI	s. tanker	Broken up	Spain
WAVE LAIRD	1946	8187 GBI	s. tanker	Broken up	Spain

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Ship's Name and Ye	ar of Bui	ild	Tons Gross	Flag	Туре	Disposal	Where disposed of							
AYRFIELD		1911	1140	Com (Ast)	s. cargo	Broken up	Australia							
MORTLAKE BANK	•••	1924	1371	Com (Ast)	s. cargo	Broken up	Australia							
WYOLA	•••	1912	306	Com (Ast)	s. tug	Broken up	Australia							
BAYFAIR		1928	2362	Com (Can)	s. cargo	Broken up	Canada							
AESOPOS		1952	11292	Com (Cyp)	m. tanker	Broken up	Yugoslavia							
CAMPOS	•••	1941	7401	Com (Cyp)	s. cargo	Broken up	People's Republic of China							
MOUSSE		1929	6984	Com (Cyp)	m. cargo	Broken up	People's Republic of China							
NEWLANE		1942	7043	Com (Cyp)	s. cargo	Broken up	Pakistan							
SUNRISE		1943	7216	Com (Cyp)	s. cargo	Broken up	People's Republic of China							
TINA		1942	7362	Com (Cyp)	m. cargo	Broken up	People's Republic of China							
ZOHRA		1952	11193	Com (Pak)	m. tanker	Broken up	Pakistan							
AMERICAN PACKER		1943	5968	Amr	s. cargo	Broken up	China (Taiwan)							
AMES VICTORY	•••	1945	7644	Amr	s. cargo	Broken up	China (Taiwan)							
ASITRES		1945	8539	Amr	s. cargo	Broken up	Pakistan							
CAPE JUNCTION		1944	6711	Amr	s. cargo	Broken up	Japan							
CAPE SAUNDERS		1944	6660	Amr	s. cargo	Broken up	Japan							
COLUMBIA WOLF		1944	7356	Amr	s. cargo	Broken up	Hong Kong							
COTTON STATE		1945	7608	Amr	s. cargo	Broken up	China (Taiwan)							
DAVID DUDLEY FIELD	<b>.</b>	1943	7220	Amr	s. cargo	Broken up	U.S. of America							
DICK LYKES	·	1945	8068	Amr	s. cargo	Broken up	China (Taiwan)							
DOLLY TURMAN	•••	1946	6103	Amr	s. cargo	Broken up	China (Taiwan)							
ELIHU ROOT	•••	1943	7250	Amr	s. cargo	Broken up	U.S. of America							
EXPRESS VIRGINIA	•••	1946	8280	Amr	s. cargo	Broken up	China (Taiwan)							
GEORGE GALE	•••	1942	7197	Amr	s. cargo	Broken up	U.S. of America							
JAMES TURNER		1942	7256	Amr	s. cargo	Broken up	U.S. of America							
JANE A. DELANO	•••	1943	7176	Amr	s. cargo	Broken up	U.S. of America							
JOHN DOCKWEILER		1944	7252	Amr	s. cargo	Broken up	U.S. of America							
JOHN S. SARGENT	•••	1943	7176	Amr	s. cargo	Broken up	U.S. of America							
LEONIDAS MERRITT		1943	7176	Amr	s. cargo	Broken up	U.S. of America							
LOUIS SULLIVAN	•••	1944	7216	Amr	s. cargo	Broken up	U.S. of America							
LYMAN ABBOTT		1943	7196	Amr	s. cargo	Broken up	U.S. of America							
LYMAN STEWART	•••	1943	7176	Amr	s. cargo	Broken up	U.S. of America							
M. E. COMERFORD	•••	1944	7254	Amr	s. cargo	Broken up	U.S. of America							
MARATHON VICTORY		1945	7632	Amr	s. cargo	Broken up	China (Taiwan)							
MATTHEW T. GOLDSB	ORO	1943	7177	Amr	s. cargo	Broken up	U.S. of America							
NORTHERN STAR		1945	7329	Amr	s. cargo	Broken up	China (Taiwan)							

Condemned, Broken up, etc.—continued

· · · · · · · · · · · · · · · · · · ·		Condemned	, Broken up, e	tc.—continued	
Ship's Name and Year of Build		Tons Gross Fla	Туре	Disposal	Where disposed of
NORWICH VICTORY	1945	7636 An	r s. cargo	Broken up	Japan
OAK	1944	7329 An	r s. cargo	Broken up	China (Taiwan)
PHILIP MINCH	1905	5865 An	r s. cargo	Broken up	Spain
PINEDALE	1946	7924 An	r s. cargo	Broken up	China (Taiwan)
POINT FERMIN	1942	10803 Am	r s. tanker	Broken up	China (Taiwan)
ROBIN KIRK	1943	7741 Am	r s. cargo	Broken up	China (Taiwan)
ROBIN LOCKSLEY	1941	6478 An	r s. cargo	Broken up	China (Taiwan)
SILVER FALCON	1945	7650 An	r s. cargo	Broken up	China (Taiwan)
STANFORD NEWEL	1943	7176 An	r s. cargo	Broken up	U.S. of America
STEVENSON TAYLOR	1943	7176 Am	r s. cargo	Broken up	U.S. of America
T. E. MITCHELL	1944	7249 Am	r s. cargo	Broken up	U.S. of America
TEXACO COLORADO	1942	9310 Am	г s. tanker	Broken up	Spain
TEXAS GULF SULPHUR I	1945	7115 An	r s. chemical carrier	Broken up	U.S. of America
THOMAS F. MEAGHER	1944	7260 An	r s. cargo	Broken up	U.S. of America
TRANS-OCEANIC MARINER	1945	6043 An	r s. cargo	Broken up	China (Taiwan)
TRANSBORINQUEN	1944	7006 An	r s. cargo	Broken up	China (Taiwan)
U.S. DEFENDER	1945	7651 An	r s. cargo	Broken up	Hong Kong
VENETIA V	1944	8297 An	r s. cargo	Broken up	China (Taiwan)
WENDELL L. WILLKIE	1944	7205 Am	r s. cargo	Broken up	U.S. of America
WILLIAM A. RICHARDSON	1942	7258 An	r s. cargo	Broken up	U.S. of America
WILLIAM BLACK YATES	1943	7202 An	r s. cargo	Broken up	U.S. of America
PRESIDENTE MITRE	1933	372 Ar	m. trawler	Broken up	Brazil
ANNIE W. LEWIS	1927	1004 Bl	s. hopper dredger	Broken up	Belgium
ALAGOAS	1951	11354 Вг	m. tanker	Broken up	Spain
LOIDE-AMERICA	1947	5408 Br	s. cargo	Broken up	Spain
LOIDE-ARGENTINA	1948	5391 Br	s. cargo	Broken up	Spain
LOIDE-BRASIL	1947	5408 Br	s. cargo	Broken up	Spain
LOIDE-HONDURAS	1948	5408 Br	s. cargo	Broken up	Spain
LOIDE-MEXICO	1947	5408 Br	s. cargo	Broken up	Spain
LOIDE-NICARAGUA	1948	5408 Br	s. cargo	Broken up	Italy
LOIDE-PANAMA	1947	5408 Br	s. cargo	Broken up	Italy
LOIDE-PERU	1948	5408 Br	s. cargo	Broken up	Spain
RIO SAO FRANCISCO	1945	3805 Br	m. cargo	Broken up	Brazil
ALBERTO HAVERBECK	1931	2794 Ch	l s. cargo	Broken up	Spain
CHERRY VICTORY	1945	7640 Ch(	Γ) s. cargo	Broken up	China (Taiwan)
CHI LUNG	1943	7252 Ch(	r) s. cargo	Broken up	China (Taiwan)
GREAT PEACE	1942	7150 Ch(	Γ) s. cargo	Broken up	China (Taiwan)
LOYAL GARLANDS	1944	7054 Ch(	Γ) s. cargo	Broken up	China (Taiwan)
NEW KAOHSIUNG	1943	7209 Ch(	Γ) s. cargo	Broken up	China (Taiwan)
TA TZONG	1941	6798 Ch(	Γ) m. cargo	Broken up	China (Taiwan)
TAI FONG	1951	5015 Ch(	<ul><li>Γ) s. cargo</li></ul>	Broken up	China (Taiwan)

Condemned, Broken up, etc.—continued

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Disposal	Where disposed of	
UNION TRANSPORT 1945	7211	Ch(T)	s. cargo	Broken up	China (Taiwan)	
WAN AN 1945	1918	Ch(T)	s. cargo	Broken up	China (Taiwan)	
NADIA 1945	10315	Egy	m. tanker	Broken up	Egypt	
DIONE 1947	2613	Fra	s. cargo	Broken up	Belgium	
BLEXEN 1932	6692	G(W)	s. cargo	Broken up	China (Taiwan)	
BOCKENHEIM 1949	2258	G(W)	m. cargo	Broken up	West Germany	
HEIN SLOP 1946	8225	G(W)	m. sludge carrier	Broken up	West Germany	
PALLAS 1950	1483	G(W)	s. cargo	Broken up	West Germany	
ALDEBARAN 1953	12897	Grc	s. tanker	Broken up	Spain	
ARES III 1952	12323	Grc	m. tanker	Broken up	People's Republic of China	
ARGOLIS STAR 1945	8163	Grc	m. cargo	Broken up	People's Republic of China	
ARISTIPOS 1940	7433	Grc	m. cargo	Broken up	People's Republic of China	
ARKAS 1944	7138	Grc	s. cargo	Broken up	Italy	
CIBIA 1946	2010	Grc	s. cargo	Broken up	Spain	
D. G. PAPALIOS 1955	12146	Grc	m. tanker	Broken up	Spain	
DIAMANDIS 1942	6946	Grc	m. cargo	Broken up	Spain	
DICORONIA 1943	7260	Grc	s. cargo	Broken up	People's Republic of China	
GEORGIOS M 1939	6713	Grc	m. cargo	Broken up	People's Republic of China	
KASSOS 1915	300	Grc	m. cargo	Broken up	Greece	
MARGARITA 1945	9900	Grc	s. passenger	Broken up	Japan	
MARIA DE LOURDES 1943	7219	Gre	s. cargo	Broken up	People's Republic of China	
MISR TRADER 1939	1553	Grc	s. cargo	Broken up	Greece	
<b>PYTHAGORION</b> 1920	1515	Grc	m. cargo	Broken up	Greece	
CYRUS II 1945	7710	Irn	s. cargo	Broken up	China (Taiwan)	
ELFIE H 1943	540	IR	m. tanker	Broken up	Irish Republic	
GABBIANO 1944	7167	Itl	m. cargo	Broken up	Italy	
LUCRINO 1942	7040	Itl	s. cargo	Broken up	Italy	
OCEANO PRIMO 1951	595	Itl	s. trawler	Broken up	Italy	
SOBRIETAS 1953	11302	Itl	m. tanker	Broken up	Spain	
CHOKYU MARU 1937	8627	Jpn	m. cargo	Broken up	Japan	
HOYU MARU 1951		Jpn	m. tanker	Broken up	Japan	
KIYOKAWA MARU 1937	9180	Jpn	m. cargo	Broken up	China (Taiwan)	
NORWAY MARU 1920		Jpn	m. cargo	Broken up	Japan	
SHUNYO MARU No. 1 1944	10677	Jpn	s. sand carrier	Broken up	China (Taiwan)	
SHUNYO MARU No. 2 1945	10524	Jpn	s. sand carrier	Broken up	China (Taiwan)	
AMACONTE 1941	6603	Lib	s. cargo	Broken up	Spain	
ANTHEM 1943	10582	Lib	s. tanker	Broken up	China (Taiwan)	
ATLANTIC DUKE 1952	10930	Lib	m. tanker	Broken up	Italy	
CORINTHIAN GLORY 1944	4296	Lib	s. cargo	Broken up	Pakistan	
DUMAI TRADER 1944	1929	Lib	s. cargo	Broken up	China (Taiwan)	

	Ship's Name and Year	of Build	Tons Gross	Flag	Туре	Disposal	Where disposed of
	FASTWIND	1944	6946	Lib	m. cargo	Broken up	Hong Kong
LE	GRAND LOYAL	1942	7112	Lib	m. cargo	Broken up	China (Taiwan)
	MARIPINDO	1945	6997	Lib	m. cargo	Broken up	Italy
	MARLINDA	1952	4307	Lib	m. cargo	Broken up	China (Taiwan)
	MELIA	1942	7066	Lib	s. cargo	Broken up	Japan
LR	OCEAN COMET	1945	7675	Lib	s. cargo	Broken up	China (Taiwan)
£.	OROUTSA	1951	10155	Lib	m. tanker	Broken up	Yugoslavia
	VENUS VICTORY	1945	7611	Lib	s. cargo	Broken up	China (Taiwan)
1	BIESBOSCH	1936	329	Nth	m. cargo	Broken up	Netherlands
趣、	TJIKAMPEK	1945	7641	Nth	s. cargo	Broken up	Hong Kong
	VIER GEBROEDERS	1925	142	Nth	m. fishing	Broken up	Netherlands
	GOLTASUND	1946	112	Nor	w.m. fishing	Broken up	Norway
	HVALROSSEN	1912	175	Nor	w.m. sealer	Scuttled	off Norway
	KJELLAUG	1943	134	Nor	w.m. fishing	Scuttled	off Norway
	NORDINGEN	1924	295	Nor	m. fishing	Broken up	Norway
	NOTRE DAME	1930	192	Nor	w.m. fishing	Scuttled	off Norway
	RANBORG	1943	5208	Nor	m. cargo	Broken up	Hong Kong
	THORGEIR	1941	781	Nor	m. whaler	Broken up	Norway
	VAAGHOLM	1892	228	Nor	m. fishing	Broken up	Norway
	VIKAR I	1903	121	Nor	m. cargo	Broken up	Norway
$(\overline{T}^{(i)})_{i,j}$	ASTOR	1927	1700	Pan	s. cargo	Broken up	Italy
	BINTANG BORNEO	1939	3900	Pan	s. cargo	Broken up	Hong Kong
	CONCORD VENTURE	1943	7265	Pan	s. cargo	Broken up	Japan
Æ.	ERMERA	1938	2475	Pan	s. cargo	Broken up	Hong Kong
	GRANEFORS	1948	8811	Pan	m. cargo	Broken up	China (Taiwan)
	INDONESIAN STAR	1944	5223	Pan	m. cargo	Broken up	Spain
	JEEP LEE	1952	4070	Pan	s. cargo	Broken up	Hong Kong
	JOHN	1926	1669	Pan	s. cargo	Broken up	United Kingdom
	MAJURO	1945	3912	Pan	m. cargo	Broken up	Singapore
13	MONDIA	1944	9883	Pan	m. cargo	Broken up	China (Taiwan)
	NATALE	1944	6940	Pan	s. cargo	Broken up	Italy
	NORMA	1923	2935	Pan	s. cargo	Broken up	Italy
LR	PACIFIC ENDEAVOUR	1943	4970	Pan	m. cargo	Broken up	Hong Kong
	PEROLA	1926	3038	Pan	m. cargo	Broken up	Hong Kong
	RENOWN TRADER	1937	4996	Pan	m. cargo	Broken up	Hong Kong
	SANROCCO	1942	6872	Pan	s. cargo	Broken up	Italy
	SPLENDID SKY	1944	7240	Pan	s. cargo	Broken up	Belgium
	SUNSHINE	1944	3541	Pan	s. cargo	Broken up	China (Taiwan)
	TIA JUANA	1943	5301	Pan	m. cargo	Broken up	Hong Kong
	тіа РЕРІТА	1944	5092	Pan	s. cargo	Broken up	Hong Kong
	TIA SYLVIA	1945	7602	Pan	s. cargo	Broken up	China (Taiwan)
	TYNSHON	1930	5833	Pan	m. cargo	Broken up	China (Taiwan)

	Ship's l	Name an	d Year	of Buil	d	Tons Gross	Flag	Туре	Disposa	1	Where disposed of
	LIBERTY TW	o'			1943	6909	Phi	s. cargo	Broken up		Spain
	PRINCE KL	•••	•••		1945	3920	Phi	m. cargo	Broken up		Hong Kong
	REYNALDO 1	KL			1945	1574	Phi	s. cargo	Broken up		Hong Kong
R	PAWEL FINE	ER			1948	4911	Pol	s. cargo	Broken up		People's Republic of China
	ALEXANDR	MATR	osov	•••	1945	2287	Rus	m. cargo	Broken up		West Germany
	KARELIA		•••		1930	889	Rus	m. cargo	Broken up		West Germany
	HOI SOON		•••		1944	3539	Som	s. cargo	Broken up		Hong Kong
	JUPITER				1900	4804	Spn	s. cargo	Broken up		Spain
	VICENTE SU	AREZ			1905	1370	Spn	s. cargo	Broken up		Spain
- T	BIO-BIO				1945	7164	Swd	m. cargo	Broken up		Spain
	LACYDON	•••			1920	4158	Tun	s. cargo	Broken up		Tunisia
	GIRESUN				1938	6790	Trk	m. passenger and cargo	Broken up		Turkey
	SAN TOME			•••	1926	1865	Ven	m. cargo	Broken up		Venezuela
_1	BEOGRAD		•••		1925	5427	Ygs	s. cargo	Broken up		Yugoslavia
	BOR	•••			1942	6974	Ygs	s. cargo	Broken up		Yugoslavia
	DORCOL				1944	7243	Ygs	s. cargo	Broken up		Yugoslavia
	PROLETERK	A.			1913	1322	Ygs	s. passenger	Broken up		Yugoslavia

# SHIPS CONVERTED FOR NON-SEAGOING SERVICE

Ship's Na	ame an	d Yea	r of Bui	ld	Tons Gross	Flag	Туре	Disposal	Where disposed of
APTITY			•••	1939	434	GBI	m. tanker	Converted for use as a tank cleaning barge.	United Kingdom
RUBY	·		•••	1939	211	Nth	m. cargo	Converted for use as a non- propelled barge.	West Germany
STELLA POLA	RIS		•••	1927	5105	Swd	m. passenger	Converted for use as a non- propelled floating hotel.	Japan
RECINA	•••	•••		1908	101	Ygs	m. cargo	Converted for use as a non- propelled floating restaur- ant.	Yugoslavia

# LLOYD'S REGISTER OF SHIPPING

# CASUALTY RETURN

MERCHANT SHIPS TOTALLY LOST, BROKEN UP, Etc.,
DURING THE QUARTER ENDED 30th JUNE, 1970

(as reported up to 31st December, 1970)

NOTE: It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Casualty Return for the quarter ended 30th June, 1970"

Enquiries should be addressed to The Secretary, Lloyd's Register of Shipping, 71, Fenchurch Street, London, EC3M 4BS

			ANT FLEETS OF	i					HOW	LOST									
	FLAG		LD AS RECORDED IISTICAL TABLES 1969	FOU	UNDERED	М	ISSING	В	URNT	COL	LISION	WR	ECKED	LOST	r, etc.	тот	AL LOST	TOTA PERCE	L LOSS
		No. of Ships		No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	of	of Tonnage
GREAT BRITA	in & N. Ireland	3,858	23,843,799				•••	•••				2	45,064			2	45,064	0.05	0 · 19
F AUSTRALIA		321	893,613		•••				•••										
CANADA		1,278	2,450,944	3	10,410				•••							3	10,410	0.24	0.42
E S CYPRUS	į	134	770,463						•••	•••	•••	1	1,599			1	1,599	0.75	0.21
£ 87			,,,,,,,,		•••	•••	•••	•••	•••	•••	•••	•	1,000	•••	•••		1,022	0 75	·
AUSTRALIA CANADA CYPRUS HONG KONG INDIA		126	707,748		•••														
8 INDIA		397	2,238,344		***		•••		•••		•••								
	ONWEALTH COUNTRIES	1,075	2,253,340	1	112			1	113			•••				2	225		•••
		•																	
ARGENTINA		319	1,217,646								•••								
BELGIUM		228	1,051,882						• • •		•••						•••		
Brazil		414	1,381,458		•••		•••	1	540							1	540	0.24	0.04
CHINA (TAIWAN)		216	961,807				•••				•••						•••		
				1															
DENMARK		1,194	3,490,334	1	150		• • •		•••		• • •				•••	1	150	0.09	0.00
FINLAND		388	1,330,488		•••		• • •		•••		•••		•••		•••	• • • • • • • • • • • • • • • • • • • •		• • •	•••
France		1,432	5,961,963		•••	•••	•••	•••	•••	1	499	• • •				1	499	0.07	0.01
GERMANY (EAST)		371	895,932		•••	•••	• • • •		•••	•••	• • •		•••	•••		• • • • • • • • • • • • • • • • • • • •	•••	•••	•••
				l l															
GERMANY (WEST)		2,768	7,027,384		• • •	• • • •	• • •	1	102			•••		•••	•••	1	102	0.04	0.00
GREECE		1,700	8,580,753			•••	•••	•••	•••	1	10,160	4	10,574	•••	•••	5	20,734	0.29	0 · 24
INDONESIA		463	598,155		•••	• • •	•••	•••	•••	•••	• • •	• • •	•••	•••	•••	• • • • • • • • • • • • • • • • • • • •	•••	•••	•••
ISRAEL	1	114	769,156		•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••
Italy		1 552	7,037,846	3	2 541											2	2 541	0.10	0.04
JAPAN .		1,552			2,541	•••	•••	•••	•••		1 224	•••	•••	•••	•••	3 2	2,541	0.19	0.04
		7,665 95	23,987,079		•••	•••	•••	•••	•••	2	1,234	•••	•••	•••	•••	2	1,234	0.03	0.01
LEBANON		1,731	295,038	1	11 562	• • •	•••		2 150		···	• • • •	•••	•••	•••	3	15 220	0.17	0.06
LIBERIA		1,731	29,215,151	1	11,563	•••	•••	1	3,159	,	607	•••	•••	• • • •	•••	3	15,329	0.17	0.05
Netherlands		1,652	5,254,883	1	198			1	494							2	692	0.12	0.01
Norway	J.	2,848	19,679,094			•••	•••	•		•	•••		•••		312	1	312	0.04	0.00
PANAMA		823	5,373,722	1	917	•••	•••		3,240	•••	•••	 4	18,901	-		6	23,058	0.72	0.43
PHILIPPINES		297	929,317	(			•••	•		•••	•••	•			•••		•		
		27,	747,511	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••		•••	•••	•••
Poland		484	1,536,384		•••												•••		
PORTUGAL		364	825,355		•••		•••		•••		•••		•••					•••	
Russia (U.S.S.R.)		5,622	13,704,640		•••		•••											•••	
SPAIN		2,119	3,199,035	1	191		•••	•••	•••	1	672					2	863	0.38	0.03
		,	, ,																
Sweden		1,051	5,029,407		• • •		•••	1	124				•••			1	124	0.10	0.00
Turkey		312	651,325		•••		•••				•••								
United States of A	MERICA	3,146	19,550,394		•••	•••	•••			• • • •	• • •					i	•••	• • •	
Yugoslavia		349	1,427,935		•••				•••		•••		•••						
										,	_					(11	1,522	-	
OTHER COUNTRIES		3,370	7,539,079	1	148	•••	•••	1	110	4	<del>-120</del>	2	394	7	870	12-	1,642	•••	
WORLD TOTALS		E0 257	211 660 002	12	26 220				7 003		12.060	42	76 533	ω	1 102	٨٨	135.440	0.40	0.00
WORLD TOTALS		50,276	211,660,893	13	26,230	• • •	• • •	8	7,882	/*/	13,004	13	76,532	ð	1,182	7	TES, TTO	0 · 10	0.06



#### STEAMSHIPS AND MOTORSHIPS

## DETAILS OF CASUALTIES TABULATED ON PREVIOUS PAGE

(excluding ships of less than 100 tons gross)

#### **EXPLANATIONS OF CONTRACTIONS**

#### FLAG

Alb = Albania Alg = Algeria Amr = U.S. of America Arg = Argentina	Den = Denmark Ecu = Ecuador Egy = Egypt (U.A.R.) Eth = Ethiopia	Itl — Italy IvC — Ivory Coast Jam — Jamaica Jpn — Japan	Ptg — Portugal Qat — Qatar Rou — Roumania Rus — Russia (U.S.S.R.)
Ast — Australia Aus — Austria BH — British Honduras Bah — Bahamas	Far = Faroe Islands Fij = Fiji Fin = Finland Fra = France	Ken = Kenya Kor = Korea (South) Kuw = Kuwait Lbn = Lebanon	SAf — South Africa Sau — Saudi Arabia Sen — Senegal S.Is — Solomon Islands
Bds = Barbados Ber = Bermuda Blg = Belgium Brd = Burundi	GBI = Great Britain and Northern Ireland G(E) = Germany (East) G(W) = Germany (West) Gab = Gaboon	Lby = Libya Lib = Liberia Mad = Madagascar Mal = Malaysia	Sng = Singapore Som = Somali Republic Spn = Spain St.V = St. Vincent
Brz = Brazil Bul = Bulgaria Bur = Burma Cam = Cambodia	Gam = Gambia Gha = Ghana Gib = Gibraltar Grc = Greece	Mau — Mauritania Mex = Mexico Mon = Monaco Mor = Morocco	Sud = Sudan Swd = Sweden Swz = Switzerland Syr = Syria
Can = Canada Cay = Cayman Islands Cba = Cuba Cey = Ceylon	Gua = Guatemala Gui = Guinea Guy = Guyana HKg = Hong Kong	Mta = Malta NG = New Guinea NH = New Hebrides NZ = New Zealand	Tan = Tanzania Tha = Thailand Ton = Tonga Tri = Trinidad
Cgo = Congo (Kinshasa) Chl = Chile ChR = China, People's Rep. of ChT = China (Taiwan)	Hai = Haiti Hgy = Hungary Hon = Honduras Icl = Iceland	Nic — Nicaragua Nig — Nigeria Nor — Norway Nth — Netherlands	Trk = Turkey Tun = Tunista Urg = Uruguay Ven = Venezuela
Cmb = Colombia Com = British Commonwealth CR = Costa Rica Cyp = Cyprus	Ida = India Idn = Indonesia IR = Irish Republic Irn = Iran	Pak = Pakistan Pan = Panama Par = Paraguay Per = Peru	VI - Virgin Islands V(N) = Vietnam (North) V(S) = Vietnam (South) Yem - Yemen
Cze = Czechoslovakia Dca = Dominican Republic	Irq = Iraq Isr = Israel	Phi = Philippines Pol = Poland	YmS = Yemen (South) Ygs = Yugoslavia

#### **DESCRIPTION**

a - Auxiliary f - Ferro-concrete irn - Iron rp - Reinforced plastic (T) - Oil Tanker c - Composite gts - Gas turbine ship m. - Motorship s. - Steamship w - Wood

N.B.—Unless otherwise stated, all steamships and motorships were of steel construction

#### Foundered

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
ALASKA QUEEN 1952	101	Com (Can)	w.m. fishing		•••	Between Sand Point, Alaska and Foggy Cape.	6th Apr.
<b>ENTERPRISE</b> 1943	174	Com (Can)	w.m. fishing	····	•••	Ten miles off Cape North, Cape Breton Island in heavy wea- ther.	19th Apr.
PATRICK MORRIS 1951	10135	Com (Can)	s. train ferry		•••	Ten miles off Cape North, Cape Breton Island, in heavy wea- ther.	20th Apr.
TURTLE DOVE 1945	112	Com (VI)	w.m. cargo	Trinidad— Barbados	General	Sprang leak and sank off Pre- cheur, Martinique.	3rd May
HELLE RASK 1958	150	Den	aux.m. cargo	Rotterdam— Helsingborg	Borax	Twenty miles W. of Holmsland, in lat. 55 55 20N., long. 7 18 48E., due to cargo shifting in heavy weather.	12th June
DUIZAR 1956	500	Itl	m. cargo	Baia—Tripoli (Libya)	Aluminium tubes & fruit con- centrates	In Messina Straits, 7 miles N.N.W. of Cape Peloro, due to cargo shifting in heavy weather.	12th Apr.
FORTUNATA 1931	1572	Itl	s. cargo			In lat. 30S., long. 31 25E., in heavy weather, whilst in tow from Quelimane to La Spezia for breaking up.	9th May

## Foundered—continued

Ship's Name and Year	of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
GIOVANNI PELLERANO	1941	469	Itl	m. cargo	Tripoli (Libya)— Cagliari	General	Sprang leak and sank 60 miles S.S.E. of Cape Carbonara, Sardinia.	22nd June
SILVER OCEAN	1950	11563	Lib	m. tanker	Kharg Island— Apapa/Lagos	Crude oil	Broke in two in heavy weather; forepart sank in lat. 28 11S., long. 33 38E., aftpart sank in lat. 28 11S., long. 35 7E., on 26th April.	
BUKA	1931	198	Nth	m. cargo	St. David's, Fife —London	Stone	Three and a half miles N.E. of Craster, in lat. 55 29 30N., long. 1 29 30W., in heavy weather.	
BORNEO BARU	1954	917	Pan	m. cargo	Hong Kong— Brunei	Granite chips & general	Sprang leak and sank 170 miles S. of Hong Kong, in lat. 18 51N., long. 114 25E., in heavy weather.	8th Apr.
PANORAMA I	1965	148	SAf	m. fishing	i		Whilst en route from Cape Town to Tritsan da Cunha.	— June
GOYI FONTAN	1961	191	Spn	w.s. fishing	·	•••	Sprang leak and sank 30 miles from Pasajes.	29th Apr.
					1			
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# Burnt

Ship's Name and Year of Build	Tons Gross	Fiag	Туре	Voyage	Cargo	Circumstances and place	Date
TUATEA 1905	113	Com (NZ)	w.m. trawler	···· ··· ··· ··· ··· ··· ··· ··· ··· ·		Caught fire in engine room 30 miles S. of Dunedin and beached; subsequently burnt out.	23rd Apr.
SODEMAR-I 1943	540	Brz	m. cargo	 i	Gasoline & general	Sank after explosion in River Acre, near Boca do Acre.	2nd Apr.
NIEDERSACHSEN 1947	103	G(W)	m. fishing		•••	Sank after explosion in engine room S. of San Antonio, in lat. 30 55S., long. 72 48W.	30th May
TOPAZ 1955	3159	Lib	m. cargo			At Bandar Shahpur.	24th June
HELVETIA S 1956	494	Nth	m. cargo	Talamone—Boma	Explosives	Sank after explosion in engine room between Sardinia and Balearic Islands, in lat. 40 54N., long. 7 33E.	18th June
JOSEFINA T 1949	3240	Pan	m. cargo		Cement	Caught fire following explosion in engine room at Tandjung Priok; subsequently towed to	29th May
118(0) 11						Hong Kong and broken up.	
VIOLETA 1963	110	Per	w.m. cargo		Ballast	Off coast of Peru.	17th June
ARGENTINA 1964	124	Swd	w.m. fishing		•••	Caught fire and sank in North Sea, in lat. 58 23 5N., long. 2 5E.	15th Apr.
	3 T 2 MARIE		:				:

## Collision

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
BASSE INDRE 1958	499	Fra	m. cargo	Nantes—Antwerp	Tin plate & scrap	Sank after collision with POBJEDA off Flushing in dense fog; subsequently raised and broken up.	14th May
KAVO YOSSONAS 1952	10160	Gre	m. tanker	San Lorenzo— Amsterdam	Grain	In collision with Parnassos 20 miles N. of Calais in dense fog and subsequently beached; refloated, towed to Hamburg and sold for breaking up.	12th June
ASASHIO MARU 1958	750	Jpn	m. chemical carrier	Tsukumi—Kobe	Limestone	Sank after collision with PACSEA (T) in Bungo Channel, 2 miles S.W. of Sata Peninsula, in fog.	29th June
KINSEI MARU No. 8 1956	484	Jpn	m. cargo	Kyushu—Osaka	General	Sank after collision with Kuwait Horizon, S.W. of Tomoga- shima Island, in lat. 34 17 12N., long. 134 59 24E.	12th June
INGKABIR 1964	607	Lib	m. cargo	Casablanca— Howdendyke	Phosphate rock	Sank after Collision with RUGEN in lat. 49 29N., long. 3 35W., in dense fog.	12th June
SIERRA BRAVIA 1960	672	Spn	m. cargo	Hamburg—Bilbao	General	Sank after collision with RUHR ORE, 3 miles S.W. of Dunge- ness, in lat. 50 53 N., long. 0 58E.	12th Apr.

Wrecked (Under this heading are included ships lost through stranding, or striking rocks, sunken wrecks, etc.)

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
ENNERDALE 1963	29189	GBI	m. tanker		Oil	Struck submerged object and sank off Seychelles in lat. 4 30S., long. 55 31 30E.	1st June
LONDON VALOUR 1956	15875	GBI	s. bulk carrier		Chrome ore	Stranded on breakwater and sank in Genoa Roads, after dragging anchors in heavy weather.	9th Apr.
<b>POLEIRE</b> 1954	1599	Com (Cyp)	m. cargo	Foyness—Gdynia	Zinc con- centrates	On rocks at Kettle, Tresco Island, Scilly Isles, in fog.	15th Apr.
<b>EFDROMOS</b> 1943	7232	Grc	s. cargo	Ancona— Shanghai	Fertiliser	Stranded near Porto Alexandre, in lat. 15 47S., long. 11 49E., and subsequently broke in two.	29th May
IPATIA DROSSIA 1918	489	Gre	m. cargo		Bentonite	Stranded and sank near Tocra, in lat. 32 35N., long. 20 20E.	11th Apr.
<b>KALYMNOS</b> 1945	890	Grc	m. tanker		: 	Stranded on rocks E. coast of Rhodes; subsequently re-float ed, towed to Piræus and broken up.	12th Apr.
MINNA 1953	1963	Grc	s. cargo	Basrah— Alexandria	Scrap iron & iron bars		29th June
NAM HAE No. 272 1966	159	K (S)	m. fishing			On rocks at Ebon Atoll, in lat. 4 37N., long. 168 40E.	11th June
CEBU 1945	3892	Pan	m. cargo	Callao— Buenaventura	Ballast	In lat. 6 6S., long. 81 8W., in dense fog.	26th Apr.
FREIGHT 1945 CONSOLIDATOR	960	Pan	m. cargo	Miami—Tampa	Ballast	Struck submerged object and sank 20 miles S. of Miami in approx. lat. 25 10N., long. 80 18W.	18th May
LA JENELLE 1931	7114	Pan	s. passenger		•••	Near Oxnard, Cal., after drag- ging anchors in heavy weather.	13th Apr.
<b>ROBERTINA</b> 1944	6935	Pan	m. cargo	Takoradi— Burntisland	Bauxite	Two miles W. of Cape Garraway.	15th June
DELFIN JUNIOR 1944	235	Per	w.m. fishing			At Icarai, in lat. 20 34 12S., long. 40 24 42W.	23rd June

Lost
(Under this heading are included total losses which for want of sufficient information, or for other reasons, cannot be classified)

Ship's Name and Year of Build	Tons Gross	Flag	Туре		Voyage		Cargo	Circumstances and place	Date
ASBJÖRN 1962	312	Nor	m. trawler	:    		•••	•••	Sunk by ice 35 miles E. of Horse Islands, Nfl., in lat. 50 37N., long. 55 14W.	
DON LORENCITO 1963	130	Per	w.m. fishing					Off Peru.	21st Apr.
F F 11	120	Per	w.m. fishing				<b>.</b>	Off Pasamayo, Peru.	22nd Apr.
FEDERICO	150	Per	m. fishing				•••	Off Chimbote, Peru.	12th May
FLOR DE QUINUA 1963	120	Per	w.m. fishing				•••	Off Cartavio, Peru.	4th May
P 10	120	Per	w.m. fishing		•••			Off Chicama, Peru.	4th May
PRALSA 6 1963	120	Per	w.m. fishing		•••			Off Peru.	13th Apr.
sol 11	110	Per	w.m. fishing					Off Punta del Brujo, Peru.	17th Apr.
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#### ADDITIONAL INFORMATION

IBRAHIM K, 7124 tons gross steam cargo ship, built 1944, Com(Cyp) flag. Wrecked near Tocra in heavy weather on 18th December, 1969.

PORANUI, 892 tons gross motor cargo ship, built 1956, Com(NH) flag. Wrecked on reef in lat. 20 40S., long. 167 2E., on 17th November, 1969.

Сню, 1751 tons gross steam cargo ship, built 1944, Grc fiag. Stranded in lat. 35 32 7N., long. 35 46 9E., on 8th March, 1969; subsequently refloated and broken up.

PARMASTER, 2036 tons gross steam cargo ship, built 1941, Grc flag. Sank at Port Ibrahim during hostilities on 4th September, 1967; subsequently raised and sold for breaking up.

Dong Hae, 225 tons gross wooden motor cargo ship, built—, K(S) flag. Sprang leak and sank in Korea Strait, in lat. 33 40N., long. 129 26E., in heavy weather, on 7th October, 1969.

# STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC. DURING THE QUARTER NOT CONSEQUENT UPON CASUALTY

Flag	No.	Tons Gross	Flag	No.	Tons Gross
Great Britain &			Japan	1	1,558
- Northern Ireland	27	<del>97,145</del> 97085	Lebanon	4	18,004
Ē Australia	1	2,675	Liberia	16	128,848
≖ ≦ Bahamas	1	4,699	Netherlands	3	622
E ≥ ≺ Bermuda	1	574			
Canada	6	15,986			
HAUSTRALIA	4	28,582	Nicaragua	1	4,105
Hong Kong	2	1 <del>8,341</del> (843)	Norway	11	18,270
India	1	4,557	Panama	21	103,921
(		.,	Philippines	3	10,335
			1 milppines	5	10,000
Argentina	1	7,365			
Belgium	1	2,944	Poland	1	4,361
Brazil	8	48,021	Russia (U.S.S.R.)	4	12,853
Bulgaria	1	8,639	Saudi Arabia	2	12,709
		-,	South Africa	1	530
			bouth riffica	1	330
Burma	1	7,323			
China (Taiwan)	6	35,738	Spain	6	11,491
Denmark	2	3,073	Sweden	1	383
Faroe Is	1	299	United States of America	65	482,394
1 4100 101 111 111	•••	-22	Yugoslavia	1	3,457
			rugosiavia		0,10
Finland	1	3,516			
France	5	3,260			
Germany (West)	7	8,438	WORLD TOTAL	235 1	,216,355
Graces	17	101,249	WORLD TOTAL	200 1	,,
Greece	11	101,27			

1216,295

Irish Republic

United Kingdom

China (Taiwan)

United Kingdom

United Kingdom

United Kingdom

Italy

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Tons Gross Ship's Name and Year of Build Where disposed of Flag Type Disposal ALERT ... ... 1946 1548 GBI United Kingdom s. tender Broken up ... ASCONA GBI ... 1930 146 m. fishing United Kingdom Broken up ... ... ... ... **BRITISH ENVOY** ... 1953 11349 GBI m. tanker Broken up ... United Kingdom ... ... **BRITISH REALM** ... 1952 18359 GBI China (Taiwan) s. tanker Broken up ... BRITISH RENOWN ... ... 1957 11205 **GBI** China (Taiwan) m. tanker Broken up ... CATHERINE SHAUN ... 1916 145 GBI m. fishing Broken up ... Irish Republic DAVID M. ... 1933 GBI United Kingdom 350 m. cargo Broken up ... ESSO CHELSEA ... 1945 4352 GBI Belgium s. tanker Broken up ... ... ... ESSO FULHAM ... 1945 4352 GBI s. tanker Spain Broken up ... ... ... ... HELMSMAN ... GBI ... 1937 531 m. tanker Broken up ... Belgium HEYSHOTT 2918 GBI United Kingdom ... 1949 s. cargo Broken up ... ... LATANIA ... 1930 134 GBI United Kingdom m. trawler Broken up ... ... ... LAVINIA GBI ... 1928 300 s. tug Broken up ... Irish Republic LOCH GOWAN ... 1954 8483 GBI China (Taiwan) ... s. cargo Broken up ... LOCH LAOI ... ... 1949 109 GBI United Kingdom m. trawler Broken up ... ... ... LOCH LORGAN GBI ... 1949 105 m. trawler Broken up ... United Kingdom LORD COLLINGWOOD ... 1930 117 GBI m. fishing United Kingdom Broken up ...

Continued

s. trawler

s. cargo

s. trawler

m. cargo

s. tanker

s. tug

m. cargo

Broken up ...

... 1948

... 1943

... 1949

... 1947

... 1927

... 1934

... 1904

...

...

...

...

...

636

7585

684

298

188

12684

GBI

GBI

GBI

GBI

GBI

GBI

GBI

LORD WAVELL

PORT NAPIER

MILETUS

**PORTWAY** 

RAMSDEN

SERVIC ...

MANCHESTER SHIPPER ...

LIF

LK

	Ship's Name and Year	of Build	Tons Gross	Flag	Туре	Disposal	Where disposed of
LE	SUAVITY	1946	943 -	GBI	m. cargo	Broken up	Belgium
L30	SUPERIORITY	1947	2145 -	GBI	m. cargo	Broken up	United Kingdom
-1	TANTALUS	1945	7313	GBI	s. cargo	Broken up	China (Taiwan)
	BRANXTON	1929	<b>2</b> 675 -	Com (Ast)	s. cargo	Broken up	Hong Kong
	ROBERT J. PAISLEY	1901	4699 -	Com (Bah)	s. cargo	Broken up	Canada
	BERMUDIAN	1943	574	Com (Ber)	s. tug	Scuttled	Off Bermuda
LR.	BAYGEORGE	1912	3172	Com (Can)	s. cargo	Broken up	Canada
	FIRBRANCH	1944	2404	Com (Can)	m. tanker	Broken up	Canada
	н.а.в	1926	116 -	Com (Can)	w.m. cargo	Dismantled and condemned	Canada
	M.P.C	1944	1926	Com (Can)	s. fish factory	Broken up	Japan
LE	RIDGETOWN	1905	6485	Com (Can)	s. bulk carrier	Sunk for use as a break- water ship	Canada
	STONETOWN	1944	1883	Com (Can)	s. weather ship	Broken up	Japan
	AKMEON	1949	11105	Com (Cyp)	m. tanker	Broken up	People's Republic of China
	ARETI	1942	7176	Com (Cyp)	s. cargo	Broken up	People's Republic of China
4.	BAMBERO	1945	3866 -	Com (Cyp)	m. cargo	Broken up	Spain
LR.	TOULA	1937	6435 -	Com (Cyp)	m. cargo	Broken up	People's Republic of China
	HAROLD SLEIGH	1952	8555	Com (HKg)	m. tanker	Broken up	China (Taiwan)
	WANGANELLA	1932	9876	Com (HKg)	m. passenger	Broken up	China (Taiwan)
	APJ KARUNA	1947	4557 -	Com (Ida)	s. cargo	Broken up	India
	AFRICAN LAGOON	1942	8328	Amr	s. cargo	Broken up	U.S. of America
	ALFRED I. DUPONT	1944	7240	Amr	s. cargo	Broken up	U.S. of America
j	AMERICAN MILLER	1943	5985 -	Amr	s. cargo	Broken up	China (Taiwan)
	AMERICAN PRIDE	1945	7646	Amr	s. cargo	Broken up	China (Taiwan)
1	AMERICAN SCIENTIST	1943	5957 -	Amr	s. cargo	Broken up	China (Taiwan)
ľ	ANTINOUS	1944	6065	Amr	s. cargo	Broken up	China (Taiwan)
	ARAM J. POTHIER	1944	7176	Amr	s. cargo	Broken up	U.S. of America
	CELSIOR	1943	6497	Amr	s. cargo	Broken up	China (Taiwan)
	CORNELIUS GILLIAM	1942	7193	Amr	s. cargo	Broken up	U.S. of America
	DEL ALBA	1944	8258	Amr	s. cargo	Broken up	Hong Kong
	EXCELLENCY	1940	6680~	Amr	s. cargo	Broken up	U.S. of America
	EXPLORER	1939	6736-	Amr	s. cargo	Broken up	U.S. of America
	F. MARION CRAWFORD	1942	7181	Amr	s. cargo	Broken up	U.S. of America
ľ	FERNDALE	1946	7924	Amr	s. cargo	Broken up	China (Taiwan)
	FISHER AMES	1942	7227	Amr	s. Cargo	Broken up	U.S. of America
ļ		- Lander			tinued		

	Congemnea,	Broken up, et	c.—continuea	
Ship's Name and Year of Build	Tons Gross Flag	Туре	Disposal	Where disposed of
FRANCIS LEWIS 1942	7228 Amr	s. cargo	Broken up	U.S. of America
FREDERICK E. WILLIAMSON 1944	7261 Amr	s. cargo	Scuttled	Off U.S. of America
<b>GARDEN CITY</b> 1944	8189 Amr	s. cargo	Broken up	China (Taiwan)
GOLDEN STATE 1944	7598 Amr	s. cargo	Broken up	China (Taiwan)
<b>GRAND PEACE</b> 1943	6214 Amr	s. cargo	Broken up	China (Taiwan)
ILONA 1943	6445 Amr	s. cargo	Broken up	China (Taiwan)
IRVIN MACDOWELL 1942	7263 Amr	s. cargo	Broken up	Spain
ISAAC M. SINGER 1944	7240 Amr	s. cargo	Broken up	U.S. of America
JACOB CHANDLER HARPER 1944	7259 Amr	s. cargo	Broken up	Spain
JAMES T. FIELDS 1944	7251 Amr	s. cargo	Broken up	U.S. of America
JEAN RIBAUT 1944	7254 Amr	s. cargo	Broken up	U.S. of America
JEREMIAH M. RUSK 1943	7227 Amr	s. cargo	Broken up	Spain
JOAQUIN MILLER 1942	7181 Amr	s. cargo	Broken up	U.S. of America
JODY RE 1945	8182 Amr	s. cargo	Broken up	Spain
JOHN T. McMILLAN 1943	7229 Amr	s. cargo	Broken up	U.S. of America
JONATHAN GROUT 1942	7176 Amr	s. cargo	Broken up	U.S. of America
<b>JOSEPH H. KIBBEY</b> 1943	7244 Amr	s. cargo	Broken up	U.S. of America
JULIA 1946	8357 Amr	s. passenger and cargo	Broken up	China (Taiwan)
<b>KENDALL FISH</b> 1945	8067 Amr	s. cargo	Broken up	China (Taiwan)
KINSMAN VENTURE 1906	6490 Amr	s. bulk carrier	Sunk for use as a break- water ship	Canada
KNUTE NELSON 1943	7176 Amr	s. cargo	Broken up	U.S. of America
LACKAWANNA 1908	6971 Amr	s. bulk carrier	Sunk for use as a break- water ship	Canada
LEW WALLACE 1942	7181 Amr	s. cargo	Broken up	U.S. of America
LONE STAR STATE 1943	7808 Amr	s. cargo	Broken up	China (Taiwan)
LUISA 1946	6296 Amr	s. passenger and cargo	Broken up	China (Taiwan)
MAGNOLIA STATE 1945	7737 Amr	s. cargo	Broken up	China (Taiwan)
MARORE 1946	14316 Amr	s. ore carrier	Broken up	China (Taiwan)
MORMACELM 1945	7329 Amr	s. cargo	Broken up	Hong Kong
NATHANIEL CROSBY 1943	7188 Amr	s. cargo	Broken up	U.S. of America
NATHANIEL J. WYETH 1943	7176 Amr	s. cargo	Broken up	U.S. of America
<b>OLIVER LOVING</b> 1944	7247 Amr	s. cargo	Broken up	U.S. of America
PACIFIC BEAR 1942	6509 Amr	s. cargo	Broken up	China (Taiwan)
PRESS 1944	6445 Amr	s. cargo	Broken up	China (Taiwan)
RICHARD K. CALL 1944	7243 Amr	s. cargo	Broken up	U.S. of America
ROBERT ELLIS LEWIS 1944	7217 Amr	s. cargo	Broken up	Spain
	. 1	s. cargo	Broken up	China (Taiwan)
<b>ROBIN MOWBRAY</b> 1943	7741 Amr	s. cargo		
ROBIN MOWBRAY           1943           SAMUEL G. HOWE           1944	7741 Amr 7176 Amr	s. cargo	Broken up	U.S. of America
	į	,	_	U.S. of America China (Taiwan)
SAMUEL G. HOWE 1944	7176 Amr	s. cargo	Broken up	

				e.—commuea	
Ship's Name and Year of Build	Tons Gross	Flag	Туре	Disposal	Where disposed of
SURFER	1945 8372	Amr	s. cargo	Broken up	China (Taiwan)
THOMAS B. ROBERTSON .	1942 7176	Amr	s. cargo	Broken up	U.S. of America
TRANSOCEANIC ENTERPRISE .	1945 5987	Amr	s. cargo	Broken up	China (Taiwan)
TRANSOCEANIC EXPLORER .	1945 5975	Amr	s. cargo	Broken up	China (Taiwan)
TRANSOLAR	1945 8228	Amr	s. cargo	Broken up	Spain
TRANSTEXAS	1943   9331	Amr	s. tanker	Broken up	Spain
U.S. ADVENTURER	1945 7606	Amr	s. cargo	Broken up	China (Taiwan)
U.S. TOURIST	1945 7643	Amr	s. cargo	Broken up	China (Taiwan)
W. S. JENNINGS	1944 7238	Amr	s. cargo	Broken up	Italy
ALNFIELD	1945 7365	Arg	s. cargo	Broken up as CERES	Italy
PRINS ALBERT	1937 2944	Blg	m. ferry	Broken up	Belgium
AMAZONAS	1952 10215	Brz	m. tanker	Broken up	Spain
LOIDE-BOLIVIA	1948 5408	Brz	s. cargo	Broken up	Spain
LOIDE-CANADA	1947 5391	Brz	s. cargo	Broken up	Italy
LOIDE-CUBA	1947 5408	Brz	s. cargo	Broken up	Spain
LOIDE-EQUADOR	1948 5408	Brz	s. cargo	Broken up	Spain
LOIDE-PARAGUAI	1947 5391	Brz	s. cargo	Broken up	Italy
LOIDE SAO DOMINGOS	1947 5408	Brz	s. cargo	Broken up	Spain
LOIDE-URUGUAI	1948 5392	Brz	s. cargo	Broken up	Italy
ALGENEB	1920 8639	Bul	s. cargo	Broken up	Spain
PAGAN	1943 7323	Bur	m. cargo	Broken up	Hong Kong
CONCORDIA	1945 8325	Ch(T)	s. cargo	Broken up	China (Taiwan)
MARITIME EZPRESS	1946 9172	Ch(T)	s. cargo	Broken up	China (Taiwan)
TA CHENG	1946 4939	Ch(T)	m. cargo	Broken up	China (Taiwan)
TA HSING	1948 2363	Ch(T)	s. cargo	Broken up	China (Taiwan)
TAINAN	1944 7249	Ch(T)	s. cargo	Broken up	China (Taiwan)
UNION BANKER	1945 3690	Ch(T)	m. cargo	Broken up	China (Taiwan)
C. F. TIETGEN	1928 2782	Den	m. ferry	Broken up	Denmark
PETER TY	1940 291	Den	m. cargo	Broken up	Denmark
GAMLI SMIRIL	1932 299	Far	s. cargo	Broken up	Belgium
WASABORG	1924 3516	Fin	m. cargo	Broken up	West Germany
ABEILLE No. 25	1939 578	Fra	s. tug	Broken up	France
LAVARDIN II	1950 392	Fra	m. trawler	Broken up	Spain
LES BALEINES II	1949 392	Fra	m. trawler	Broken up	Spain
LES BARGES III	1948 405	Fra	m. trawler	Broken up	Spain
NICOLAS SELLES	1949 1493	Fra	m. trawler	Broken up	Spain
BLUMENTHAL	1933 6698	G(W)	s. cargo	Broken up	China (Taiwan)
<b>DETMOLD</b>	1957 323	G(W)	m. fishing	Broken up	West Germany
LACHS	1929 125	G(W)	m. cargo	Broken up	West Germany
MINDEN	1956 323	G(W)	m. fishing	Broken up	West Germany
STADTHAGEN	1956 323	G(W)	m. fishing	Broken up	West Germany
STOLZENAU	1956 323	G(W)	m. fishing	Broken up	West Germany
		1		<u> </u>	i

	WINDHEIM			1956	323	G(W)	m. fishing	Broken up	West Germany
1.	AGHIOS DIMITRIO	S		1929	2569	Gr¢	s. cargo	Broken up	Greece
1	AGHIOS SYMEON	•••		1921	2725	Grc	s. cargo	Broken up	People's Republic of China
_R	ARCHONTISSA			1951	15961	Grc	m. tanker	Broken up	China (Taiwan)
	CHRYSSOPIGI			1945	4746	Grc	m. cargo	Broken up	People's Republic of China
	COSTIS	•••		1950	2853	Grc	s. cargo	Broken up	Italy
R	CRESTA			1944	7145	Grc	s. cargo	Broken up	People's Republic of China
	DOROTHEA			1925	3297	Grc	s. cargo	Broken up	Pakistan
Ì	ESPERANZA			1942	7073	Grc	m. cargo	Broken up	People's Republic of China
	FORERUNNER		•••	1943	5327	Grc	m. cargo	Broken up	People's Republic of China
[	FOTINI			1911	484	Grc	m. cargo	Broken up	Greece
]:	KOS	•••		——	279	Grc	irn.s. barge	Broken up	Greece
l	LAVRENTIOS			1948	9181	Grc	s. cargo	Broken up	People's Republic of China
ļ	MAGDA	•••		1945	8364	Grc	s. cargo	Broken up	People's Republic of China
	MARIANNA IV	•••		1944	9892	Grc	s. passenger	Broken up	Greece
	MARIGOULA			1945	496	Grc	m. cargo	Broken up	Greece
1	PLATON	•••		1950	10776	Grc	m. tanker	Broken up	People's Republic of China
}	SALAMIS	•••		1952	10081	Grc	m. tanker	Broken up	China (Taiwan)
1	TOEI MARU	•••		1954	1558	Jpn	m. tanker	Broken up	Japan
1	ARTIGAS			1926	2904	Lbn	m. cargo	Broken up	West Germany
	BOREAS		•••	1920	2919	Lbn	s. cargo	Broken up	Yugoslavia
_R_	IVORY TELLUS	•••		1942	6945	Lbn	s. cargo	Broken up	Japan
	NICOPAUL	•••		1941	5236	Lbn	m. cargo	Broken up	People's Republic of China
K	AGAPI	•••		1953	11417	Lib	m. tanker	Broken up	China (Taiwan)
[.	ALBORADA	•••		1944	7270	Lib	s. cargo	Broken up	Italy
1	ARCHER			1944	10454	Lib	s. tanker	Broken up	China (Taiwan)
1-1	ARTHUR CROSS	•••		1944	6953	Lib	s. cargo	Broken up	Hong Kong
<	BERYL	•••		1943	7044	Lib	s. cargo	Broken up	Japan
<u> </u>	BRADEVERETT	•••		1944	5163	Lib	m. cargo	Broken up	Japan
-R	CERES	•••	***	1944	6853	Lib	s. cargo	Broken up	Japan
LR.	CONSTANTINE P.	•••		1953	10918	Lib	m. tanker	Broken up	China (Taiwan)
J	ELPIS	•		1955	11936	Lib	m. tanker	Broken up	China (Taiwan)
1	GIALLIA	•••		1953	1817	Lib	s. cargo	Broken up	United Kingdom
	GRAND DOLPHIN	•••	•••	1945	7253	Lib	s. cargo	Broken up	China (Taiwan)
	HONGKONG PION	EER		1945	3805	Lib	m. cargo	Broken up	China (Taiwan)
المراجعة الم	MACASSAR SKY	•••	•••	1943	6880	Lib	s. cargo	Broken up	China (Taiwan)
	MINOTAUROS	•••	•••	1941	8367	Lib	s. cargo	Broken up	China (Taiwan)
	POPEYE	•••		1943	8509	Lib	s. cargo	Broken up	Korea (South)
	ST. STEPHEN			1952	14209	Lib	m. tanker	Broken up	Japan
1	ANNA JACOB			1910	180	Nth	m. fishing	Broken up	Netherlands
	DEINING			1936	324	Nth	m. trawler	Broken up	Netherlands
	LEUNTJE	•••	•••	1918	118	Nth	m. fishing	Broken up	Netherlands

LR.

Ship's Name and Year of Build	Tons F Gross F	lag Type	Disposal	Where disposed of
<b>SPIDOLA</b> 1933	4105 N	lic s. cargo	Broken up	Belgium
AUST-TAMPEN 1913	193 N	or m. fishing	Broken up	Norway
BASTO 1931	431 N	or m. cargo	Broken up	Netherlands
CONCORDIA FOSS 1938	5455 N	or m. cargo	Broken up as Foss	Hong Kong
ERFJORD 1904	132 N	or m. cargo	Broken up	Norway
FALKHOLM 1921	286 N	or m. Salvage	Broken up	Norway
GRANTON 1903	133 N	or m. fishing	Broken up	Norway
GUNNAR BRÖVIG 1949	9882 N	or m. tanker	Broken up	Spain
MASI 1946	357 N	or s. trawler	Broken up	Norway
<b>SKAIDI</b> 1935	443 N	or s. trawler	Broken up	Norway
TENOR 1947	119 N	or w.m. fishing	Scuttled	Off Norway
THORIS 1941	839 N	for m. whaler	Broken up	Norway
ALEXFAN 1945	3605 P	an m. cargo	Broken up	South Africa
ANTOJO 1943	7185 P	an s. cargo	Broken up	Yugoslavia
AVRANCHOISE 1943	7199 P	an s. cargo	Broken up	Yugoslavia
CRYSTAL 1945	7073 P	an s. cargo	Broken up	Japan
GOLDEN RIVER 1944	3550 P	an s. cargo	Broken up	Japan
KIAN AUN 1923	2376 P	an m. cargo	Broken up	Singapore
KING LEE 1929	2782 P	an m. cargo	Broken up	China (Taiwan)
KORI 1941	5173 P	an s. cargo	Broken up	Japan
MARIA THAN 1952	1628 P	an s. cargo	Broken up	Italy
MARIANNE 1938	2910 P	an s. cargo	Broken up	Hong Kong
METROPOLITAN 1936	5161 P	an m. cargo	Broken up	Hong Kong
OTARIA 1929	2812 P	an s. cargo	Broken up	Italy
PLATE RANGER 1940	6684 P	an m. cargo	Broken up	China (Taiwan)
RED ROSE 1944	7401 · P	an m. cargo	Broken up	Italy
SHIN CHONG 1944	2878 P	an s. cargo	Broken up	China (Taiwan)
SON 1942	11359 P	an m tanker	Broken up	Spain
SOUTHERN STARS 1949	1	an s. cargo	Broken up	Japan
SUN 1944	7172 P	an m. cargo	Broken up	Japan
TANDJUNG LAYANG 1937	2350 P	an m. cargo	Broken up	Hong Kong
TIA MARIA 1944		'an s. cargo	Broken up	Hong Kong
YUANTUNG 1937		an m. cargo	Broken up	China (Taiwan)
AURELIO K.L 1949		Phi s. cargo	Broken up	Hong Kong
<b>PAULINO</b> 1945	-	hi m. cargo	Broken up	Japan
SULTAN KL 1936	4250 F	hi m. passenger and cargo	Broken up	China (Taiwan)
BALTIKA 1949	6118 R	tus s. cargo	Broken up	Denmark
<b>KAREL</b> 1957	533 R	tus s. tug	Broken up	United Kingdom
KORYAK 1919	4213 R	tus s. fish factory	Broken up	Japan
NOVOCHERKASSK 1953	1989 F	Rus s. ore carrier	Broken up	Italy
SIDNEY SMITH 1948	530 S	Af s. whaler	Broken up	South Africa

Ship's	Name a	nd Yea	r of Bui	ld	Tons Gross	Flag	Туре	Disposal	 	Where disposed of
ASSMA B			•••	1945	3918	Sau	m. cargo	Broken up		. People's Republic of China
KING ABDEI	AZIZ		•••	1922	8791	Sau	m. passenger and cargo	Broken up		. China (Taiwan)
ALINE	•••			1920	1452	Spn	s. cargo	Broken up		. Spain
ALMADEN	•••		•••	1946	2525	Spn	s. cargo	Broken up		. Spain
ALMAZAN	•••		•••	1947	2529	Spn	s. cargo	Broken up		. Spain
CAPITAN SE	GARR	A		1918	2061	Spn	s. passenger and cargo	Broken up	•••	. Spain
ENRIQUE IL	LUEC.	<b>A</b>	•••	1885	998	Spn	m. cargo	Broken up		. Spain
JALON			•••	1912	1926	Spn	s. cargo	Broken up		. Spain
STANDARD			•••	1919	383	Swd	m. tanker	Broken up		. Sweden
KORANA	•••			1945	3457	Ygs	m. cargo	Broken up		. Yugoslavia

# SHIPS CONVERTED FOR NON-SEAGOING SERVICE

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Disposal	Where disposed of
WILLIAM H. DONNER 1914	6423	Amr	s. bulk carrier	Converted for use as a non- propelled crane barge	U.S. of America
<b>WARYNSKI</b> 1936	4361	Pol	m. cargo	Converted for use as a floating warehouse	Poland

# LLOYD'S REGISTER OF SHIPPING

# CASUALTY RETURN

MERCHANT SHIPS TOTALLY LOST, BROKEN UP, Etc.,
DURING THE QUARTER ENDED 30th SEPTEMBER, 1970
(as reported up to 28th February, 1971)

NOTE: It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Casualty Return for the quarter ended 30th September, 1970"

Enquiries should be addressed to The Secretary, Lloyd's Register of Shipping, 71, Fenchurch Street, London, EC3M 4BS

			NT FLEETS OF						HOW	LOST					<u> </u>				
	FLAG		D AS RECORDED ISTICAL TABLES 1970	FOUN	NDERED	MI	SSING	В	URNT	COL	LISION	WRE	CKED	LOST	r, etc.	TOTA	L LOST		L LOSS NTAGE
		No. of Ships	Total Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	of Ships	of Tonnage
	GREAT BRITAIN & N. IRELAND	3,822	25,824,820	2	345								•••			2	345	0.05	0.00
ETH	Australia	344	1,074,112		•••			1	294				•••			1	294	0.29	0.03
H X	Canada	1,266	2,399,949	1	245			1	125		• • •	1	3335			3	3,705	0.24	0 15
MAN.	CYPRUS	207	1,138,229		•••	• • •	•••				• • • •		•••	•••			•••	•••	•••
BRITISH COMMONWEAI	Hong Kong	116	670,980		•••														
රි	India	399	2,401,656		•••				•••	• • •								•••	•••
	OTHER COMMONWEALTH COUNTRIES	1,215	2,766,765	2	580	•••	•••	1	1,838	•••	•••	1	352		•••	4	2,770	0.33	0.10
Argi	NTINA	327	1,265,510																
Belg	IUM	230	1,062,152						•••		•••					·			
Bra2	il.	422	1,721,608										•••						
Chin	a (Taiwan)	274	1,166,230		•…		•••		•••		•••	• • • •	•••		•••		•••		
DENN	JARK	1,210	3,314,320																
FINL	l l	388	1,397,232		•••				•••					•••		ļ <b>.</b>	•••	•••	•••
Fran		1,420	6,457,900								•••	•••							
Germ	iany (East)	423	988,640		•••							•••	•••	•••					
Gena	iany (West)	2,868	7,881,000							1	1,423					1	1,423	0.03	0.02
Gree		1,850	10,951,993		•••	• • • •			9,412	1 1	3,669	•••	•••	•••	•••	2	13,081	0.11	0.02
INDO	i de la companya de	489	642,530		•••			1			•	•••		• • • •	•••	ĺ			
SRAF	:	108	713,867						•••			1	1,736			1	1,736	0.93	0.24
TALY	,	1,639	7,447,610							1	11,190	1	145			2	11,335	0 · 12	0 · 15
JAPAI		8,402	27,003,704	4	865	•••	•••	•••	•••	8	5,702	1	471	•••	•••	13	7,038	0.15	0.03
LEBA		79	181,790	1		•••	•••	•••	•••			_		•••	•••	ļ			
Liber		1,869	33,296,644	:::	•••			1	10,774							1	10,774	0.05	0.03
Neth	ERLANDS	1,598	5,206,663	1	199	•••	•••	• • •		1	291					2	490	0.13	0.01
Norv	i i i i i i i i i i i i i i i i i i i	2,808	19,346,911					2	17,094			 1	162			3	17,256	0.11	0.09
Pana		886	5,645,877	1	3,716			1	1,116		•••					2	4,832	0 23	0.09
PHILI	PPINES	313	946,400				•••												
Pola	ND	516	1,580,298																
	UGAL	376	870,008		•••				•••	1	1,209	1	561			2	1,770	0.53	0.20
-	IA (U.S.S.R.)	5,924	14,831,775				•••					,					-,,,,		
SPAIN	•	2,234	3,440,952				•••	1	943		•••	1	399			2	1,342	0.09	0.04
Swed	en En	995	4,920,704																
Turk		324	696,824	1	129	•••	•••	•••	•••	•••	• • •	•••	•••		•••	1	129	0·31	0.02
	ED STATES OF AMERICA	2,983	18,463,207			•••													0 02
	OSLAVIA	348	1,515,563										•••						
Отич	er Countries	3,772	8,255,441	3	670			1	120			3	1,348			7	2,138	0 · 19	0.03
						···				···						!			
WOF	RLD TOTALS	52,444	227,489,864	15	6,749	• • • •	• • •	10	41,716	13	23,484	11	8,509		***	49	80,458	0.09	0.04

Note.—Ships condemned after damage by fire, collision, stranding, etc., are included according to the date of the casualties, under "Burnt," "Collision." "Wrecked," etc.

#### STEAMSHIPS AND MOTORSHIPS

## DETAILS OF CASUALTIES TABULATED ON PREVIOUS PAGE

(excluding ships of less than 100 tons gross)

# EXPLANATIONS OF CONTRACTIONS

#### FLAG

Alb = Albania Alg = Algeria Amr = U.S. of America Arg = Argentina	Den = Denmark Ecu = Ecuador Egy = Egypt (U.A.R.) Eth = Ethiopia	Iti = Italy IvC = Ivory Coast Jam = Jamaica Jpn = Japan	Ptg = Portugal Qat = Qatar Rou = Roumania Rus = Russia (U.S.S.R.)
Ast = Australia Aus = Austria BH = British Honduras Bah = Bahamas	Far = Faroe Islands Fij = Fiji Fin = Finland Fra = France	Ken = Kenya K(S) = Korea (South) Kuw = Kuwait Lbn = Lebanon	SAf = South Africa Sau = Saudi Arabia Sen = Senegal S.Is = Solomon Islands
Bds = Barbados Ber = Bermuda Blg = Belgium Brd = Burundi	GBI = Great Britain and Northern Ireland  G(E) = Germany (East)  G(W) = Germany (West)  Gab = Gaboon	Lby = Libya Lib = Liberia Mad = Madagascar Mal = Malaysia	Sng = Singapore Som = Somali Republic Spn = Spain St.V = St. Vincent
Brz = Brazil Bul = Bulgaria Bur = Burma Cam = Cambodia	Gam = Gambia Gha = Ghana Gib = Gibraltar Grc = Greece	Mau = Mauritania Mdv = Maldive Islands Mex = Mexico Mon = Monaco	Sud = Sudan Swd = Sweden Swz = Switzerland Syr = Syria
Can = Canada Cay = Cayman Islands Cba = Cuba Cey = Ceylon	Gua = Guatemala Gui = Guinea Guy = Guyana HKg = Hong Kong	Mor = Morocco Mta = Malta NG = New Guinea NH = New Hebrides	Tan = Tanzania Tha = Thailand Ton = Tonga Tri = Trinidad
Cgo = Congo (Kinshasa) Chl = Chile ChR = China, People's Rep. of ChT = China (Taiwan)	Hai = Haiti Hgy = Hungary Hon = Honduras Ic! = Iceland	NZ = New Zealand Nic = Nicaragua Nig = Nigeria Nor = Norway	Trk = Turkey TrS = Trucial States Tun = Tunisia Urg = Uruguay
Cmb = Colombia Com = British Commonwealth CR = Costa Rica Cyp = Cyprus	Ida = India Idn = Indonesia IR = Irish Republic Irn = Iran	Nth = Netherlands Pak = Pakistan Pan = Panama Par = Paraguay	Ven = Venezuela VI = Virgin Islands V(N) = Vietnam (North) V(S) = Vietnam (South)
Cze = Czechoslovakia Dca = Dominican Republic	Irq = Iraq Isr = Israel	Per — Peru Phi — Philippines Pol — Poland	Yem = Yemen YmS = Yemen (South) Ygs = Yugoslavia

#### DESCRIPTION

aux. - Auxiliary f - Ferro-concrete irn - Iron rp - Reinforced plastic (T) - Oil Tanker c - Composite gts - Gas turbine ship m. - Motorship s. - Steamship w - Wood

N.B.—Unless otherwise stated, all steamships and motorships were of steel construction

#### Foundered

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date	
MOONLIGHT 1961	200	GBI	m. cargo	Runcorn— Carrickfergus	Bulk sait	Capsized and sank 5 miles N.W. of Chicken Rock, Isle of Man, due to cargo shifting in heavy weather.	9th Sept.	
QUO VADIS 1968	145	GBI	m. trawler			Capsized and sank 4½ miles S.S.E. of Sumburgh Head, Shetland Islands.	3rd Sept.	
IAN PACE 1950	465	Com (Bah)	m. cargo	Bizerta—Malta	Cement	In Lat. 37 8N., long. 11 3E., due to cargo shifting in heavy weather.	16th July	
CAPE LA HAVE 1945	245	Com (Can)	w.m. trawler			Sprang leak and sank in lat. 49 19 56N., long. 61 42 42W., in heavy weather.	16th Sept.	
NAIME DOGODO 1969	115	Com (NG)	m. cargo	Daru—Baimuru	Ballast	Capsized and sank in approximately lat. 7 54S., long. 144 59 15E., in heavy weather.	24th July	
HAKURYO MARU 1968	492	Jpn	m. cargo	Kamaishi—Nagoya	Sand iron	Capsized and sank E. of Ito Light, Izu, due to cargo shifting in heavy weather.	15th Aug.	
HOEI MARU No. 21 1966	102	Jpn	m. fishing			Capsized and sank 188 miles S.E. by E. from Shanghai in heavy weather.	17th Sept.	

## Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
KASHIWA MARU 1964 No. 8	151	Jpn	m. cargo	Niigata— Ryotsu, Sado Is.	Chemical manure	Capsized and sank off Sado Island, Niigata Pref., in heavy weather.	4th Aug.
MATSUYOSHI MARU 1962 No. 3	120	Jpn	m. tanker	Kamaishi— Shiogama	Ballast	Capsized in Matsushima Bay during typhoon; subsequently salvaged and broken up.	16th Aug.
CASTOR 1931	199	Nth	m. cargo	Rotterdam— Ipswich	Wheat	In lat. 51 52N., long. 2 24E., in heavy weather.	14th July
REWARD 1950	3716	Pan	s. cargo	Dingalan— Kaohsiung	Logs	Capsized and sank in lat. 22 31 11N., long. 120 18 13E., in heavy weather.	9th Sept.
AMMAN ALLAH 1944	200	Syr	aux. m. cargo	Famagusta— Beirut	Potatoes	Thirty miles S.W. of Lattakia in heavy weather.	26th Aug.
KOUSAY 1945	170	Syr	aux. m. cargo	Beirut— Famagusta	Cotton- seed cake	Approximately 70 miles from Beirut in heavy weather.	26th Aug.
<b>KARA ASLAN</b> 1959	129	Trk	m. sr. cargo	Mersin—Beirut	Lentils	Sprang leak and sank 60 miles off Lattakia.	2nd Aug.
ZEILA 1963	300	YmS	m. cargo	—Mukalla	Passen- gers	Capsized and sank in approximately lat. 12 45N., long. 45 38E., in heavy weather.	9th July

## Burnt

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
МООКАН 1945	294	Com (Ast)	w.m. shell- fish factory	i		Caught fire and stranded near Gladstone; subsequently condemned.	12th Sept.
ST. HILARE 1950	125	Com (Can)	w.m. cargo	Port Alfred— Ste. Flavie	Pulpwood	Caught fire in machinery spaces and sank 3 miles W. of Alcide Rock Buoy, near Bic Islands, St. Lawrence River, in fog.	15th July
DIFFURI MAADU 1950	1838	Com (Mdv)	s. cargo	Colombo— Basrah	Tea & general	Caught fire in lat. 26 25N., long. 55 57E; subsequently taken in tow and beached off Dubai where burnt out and condemned.	5th July
LEFKADIOS 1949	9412	Grc	s. cargo	Bordeaux— Shanghai	Bagged fertiliser	Caught fire and sank approximately 600 miles S. of Colombo.	25th Sept.
WARWICK TRADER 1955	10774	Lib	m. tanker	Ras Tanoura— Nagasaki	Naphtha	Caught fire in engine room in lat. 26 22N., long. 54 26E., taken in tow and anchored off Zaqa Island near Das Island; subsequently condemned and sold for breaking up.	14th July
FULVIA 1949	16923	Nor	m. passenger	Genoa—Cruise	Passen- gers	Caught fire in engine room and sank in lat. 29 57N., long. 16 30W.	19th July
SKALLABJÖRN 1894	171	Nor	w.m. fishing		•••	Caught fire in engine room and sank 20 miles off Portsmouth, N.H.	8th July
ELECTRON 1944	1116	Pan	w.m. cargo	Port Limon— Tampa, Fla.	Ballast	Caught fire in engine room and sank 50 miles N.E. of Port Limon, Costa Rica.	28th Aug.
ANA MARIA 1957	120	Per	w.m. fishing			Caught fire and sank off Callao.	9th July
REUS 1920	943	Spn	s. cargo			Caught fire at Almeria, towed out of port and beached; subsequently condemned and broken up.	19th July

#### Collision

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
WILHELM LADIGES 1962	1423	G(W)	m. stern trawling factory		•••	Sank after collision with OSTER- REICH 60 miles from Boston, Mass., in lat. 42 2N., long. 67 27 6W., in dense fog.	9th July
<b>BOULGARIA</b> 1954	3669	Grc	m. cargo	London—Piræus	General	Sank after collision with HAGEN 25 miles off Cherbourg, in lat. 49 58 30N., long. 1 30W., in dense fog.	4th July
CASTELLAMMARE 1959	11190	Itl	m. bulk carrier	Karavostassi— Augusta	Pyrites	Sank after collision with Mont- REUX off E. coast of Sicily, in lat. 37 13N., long. 15 50E.	5th July
KOYO MARU 1968	2739	Jpn	m. cargo	Shimizu— Yokohama	Ballast	In collision with Japan Bear near Mikomoto Jima and towed to Shimizu. Sank due to engine room flooding following effects of typhoon prior to the 27th August; subsequently raised and broken up.	22nd July
NICHIEI MARU No. 1 1955	382	Jpn	m. sludge carrier	Yokohama— Izu-Oshima Island	Liquefied industrial waste	Sank after collision with HAI CHIEN S. of Jogashima Island, Miura Peninsula, in dense fog.	6th Aug.
SEIYO MARU 1967	499	Jpn	m. cargo	Shikama, Himeji City—Yokohama	Steel	Sank after collision with BIR- GITTE CORD off Wakayama, in lat. 34 17 6N., long. 134 58 30E.	25th July
SEIZAN MARU 1961	999	Jpn	m. cargo	Kushiro, Hokkaido— Osaka	Coal	Sank after collision with Nanko Maru off Kinkazan Island in lat. 38 35N., long. 141 50E., in fog.	11th July
TATSU MARU 1957	170	Jpn	m. tanker	Yokkaichi—Kochi	Gasoline	Sank after collision with RIO MAGDALENA off Ichiesaki, in Kii Channel, Wakayama Pref.	3rd July
YAMANE MARU 1960 No. 8	461	Jpn	m. cargo	Muroran—Numazu	Pulps	Sank after collision with Kog- yoku Maru (T) off Inatori, Izu Peninsula.	16th July
YASAKA MARU 1959	339	Jpn	m. cargo	Kimitsu— Hakata Port	Steel products	Sank after collision with New Success in Tsurushima Channel, Inland Sea, in fog.	25th July
YOSHUN MARU 1962	113	Jpn	w.m. sr. cargo	Kobe—Niihama	Blister copper	Sank after collision with SEIEI MARU No. 8 off Kyonojyoro-Jima, Inland Sea; subsequently refloated and broken up.	10th July
HORIZON 1939	291	Nth	m. cargo	Terneuzen— Boston (Lincs)	Potash	Sank after collision with CIMA- DEVILLA in River Scheldt, off Terneuzen; subsequently refloat- ed and broken up.	20th Sept.
CAPITAO JOSÉ 1954 VILARINHO	1209	Ptg	m. fishing			Sank after collision with New- FOUNDLAND FALCON 90 miles S.E. of St. John's, Nfl., in lat. 46 41N., long. 51 5W., in dense fog.	19th Aug.

Wrecked
(Under this heading are included ships lost through stranding, or striking rocks, sunken wrecks, etc.)

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
<b>BAYSIDE</b> 1955	352	Com (Bah)	m. cargo	Coiba Island— Balboa	Logs	On rocks in lat. 7 16N., long. 80 58W., in heavy weather.	23rd Aug.
EASTCLIFFE HALL 1954	3335	Com (Can)	m. cargo	Sorel—Saginaw	Pig iron	Struck rocks and sank in River St. Lawrence, in lat. 44 55 25N., long. 75 6 5W.	14th July
HEY DAROMA 1944	1736	Isr	m. passenger	Eilat—Sharm el Sheikh	•••	On rocks in Gulf of Aquaba, in lat. 28 5N., long. 34 27E.	3rd Sept.
NECCHIA 1946	145	Iti	w.m. cargo	Viareggio— Aiaccio	Granu- lated marble	Struck rocks and sank off Cap de Peno in heavy weather.	22nd Sept.
					building material		
CHIYODA MARU 1954 No. 6	471	Jpn	m. fishing			Off Chaussee des Almadies, in lat. 14 45N., long. 17 32W., in heavy weather.	31st Aug.
TONGWHA No. 3 1964	146	K(S)	m. fishing			In. lat. 3 35S., long. 174 8W.	28th Sept.
LEIF ERIKSON 1887	162	Nor	m. cargo	—Hellesyle	Sand	Stranded and sank in Sunnulvsf- jorden, Sunnmore.	1st Sept.
PETSA I 1963	130	Per	m. fishing		•••	On rocks off Paramonga.	23rd Sept.
MIRA-TERRA 1957	561	Ptg	m. passenger and cargo		Passen- gers	On rocks off Baixo Galeao Norte, Maio Island, Cape Verde Archipelago.	25th July
INOGEDO 1917	399	Spn	s. cargo	Bilbao-Vigo	Tin	On rocks at Punta Buitra, near Camarinas, in dense fog.	30th July
ADEL 1961	1072	TrS	m. cargo	Bombay—Dubai	Steel bars, steel tubes & general	In lat. 22 10N., long. 59 47E., in fog.	20th July

#### ADDITIONAL INFORMATION

- Kuala Kangsar, 489 tons gross motor cargo ship, built 1940, Com (Mal) flag. Capsized and sank at Singapore on 19th March, 1969. Subsequently raised in August, 1970, and broken up.
- Nembe, 140 tons gross motor stern trawler, built 1966, Com (Nig) flag. Reported sunk during hostilities.
- PAVEL POSTYSHEV, 1865 tons gross motor cargo ship, built 1969, Rus flag. Wrecked in Velebitski Canal after dragging anchors in heavy weather on 1st December, 1969.
- ATLANTIS, 499 tons gross motor cargo ship, built 1958, Swd flag. Reported sank after collision on page 53 of the December Quarterly Casualty Return, 1969. Now reported raised, repaired and replaced in commission for restricted service.

# STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC. DURING THE QUARTER NOT CONSEQUENT UPON CASUALTY

	F	lag		:	No.	Tons Gross		Tons Gross
	Great Brit	ain &					Korea (South) 1	1,896
_	Norther		and		18	60,432		3,320
E	Australia				1	188		2,011
	Bermuda		•••		1	574		7,140
\$1 × .	Dermuda	•••	•••	• • • •		317	Netherlands 10 1	,,140
BRITISH COMMONWEALTH	Canada				1	8,947		
<b>₽</b>	Cyprus	•••	•••	•••	3	14,051	Norway 5	2,578
8	India	•••	•••	•••	2	12,430		3,559
•		•••	•••	•••	-			
	[ Pakistan	•••	•••	•••	2	6,975		9,162
							Portugal 1 2	2,460
A 1						242		
Alger		• • •	• • • •	•••	1	342	n (7700n)	
Brazi		• • •	• • •	•••	4	14,762		9,632
Bulga		•••	•••	• • •	2	2,114		5,115
China	ı (Taiwan)				3	16,400	South Africa 1	515
							Turkey 3 21	1,164
Denn	nark				1	100		
Finla					2	3,028	United States of America 81 583	3,572
Franc		•••	•••	•••	2	570		2,613
		•••	•••	•••	_			
Germ	any (West)	•••	•••	•••	14	4,616	Yugoslavia 1	7,714
Gree	e				7	45,942		
Italy	•••		•••		6	27,687	WORLD TOTAL 201 1,000	5,609
						•		

	Ship's Name and Year of Build	Tons Gross	Flag	Туре	Dispos	sal	Where disposed of
	CLAN MACDONALD 1939	8141	GBI	m. cargo	Broken up		People's Republic of China
	ELLENA 1921	263	GBI	m. trawler	Broken up		United Kingdom
	FAIRTRY III 1960	2857	GBI	m. stern trawling factory	Broken up		United Kingdom
	FORT LANGLEY 1945	7221	GBI	s. cargo	Broken up		Spain
	FULHAM X 1948	1759	GBI	m. cargo	Broken up		United Kingdom
	GAVINA 1953	316	GBI	m. trawler	Broken up		United Kingdom
	GRANUAILE II 1948	1149	GBI	s. lighthouse tender	Broken up		Spain
	HEMIDONAX 1953	12215	GBI	s. tanker	Broken up		United Kingdom
	LA DUCHESSE DE BRETAGNE 1950	2875	GBI	s. ferry	Broken up		Belgium
,	LORD HOWE 1950	674	GBI	s. trawler	Broken up		United Kingdom
	LUNEDA 1953	316	GBI	m. trawler	Broken up		United Kingdom
	PALMELIAN 1948	1531	GBI	m. cargo	Broken up		Spain
	PEAKDALE 1910	507	GBI	s. dredger	Broken up		United Kingdom
	POLLY M 1937	380	GBI	m. cargo	Broken up		United Kingdom
	PORT HOBART 1946	11149	GBI	m. cargo	Broken up		People's Republic of China
	SALVICTOR 1944	1122	GBI	s. salvage	Broken up		United Kingdom
_	T.I.C. No. 21 1923	598	GBI	s. hopper barge	Broken up		United Kingdom
	UNIVERSAL SKIPPER 1944	7359	GBI	m. cargo	Broken up		People's Republic of China
	JAMES WALLACE 1924	188	Com (Ast)	s. tug	Broken up		Australia
	SIGTUG 1944	574	Com (Ber)	s. tug	Broken up		South Africa
	PARKDALE 1910	8947	Com (Can)	s. bulk carrier	Broken up		Spain

	Ship's Name and Year of Build		Tons Gross	Flag	Туре	Disposal	Where disposed of
	NEWFOREST	1944	7189	Com (Cyp)	s. cargo	Broken up	Yugoslavia
1	THEODOROS YIANNAKIS	1947	2673	Com (Cyp)	s. cargo	Broken up	Yugoslavia
	VAROSI	1941	4189	Com (Cyp)	s. cargo	Broken up	Japan
ŕ.	JALAPUTRA	1954	5172	Com (Ida)	s. cargo	Broken up	India
	SAMUDRA VIJAY	1944	7258	Com (Ida)	s. cargo	Broken up	India
l	FERONIA	1940	5061	Com (Pak)	s. cargo	Broken up	Pakistan
j	SHUJAAT	1954	1914	Com (Pak)	s. cargo	Broken up	Pakistan
	LOFTI	1924	342	Alg	m. cargo	Broken up	Algeria
	ALCOA PARTNER	1943	6749	Amr	s. cargo	Broken up	Spain
	ALCOA PIONEER	1941	6759	Amr	s. cargo	Broken up	Spain
	AMERICAN GUNNER	1943	8407	Amr	s. cargo	Broken up	Spain
	AMERWOOD	1945	5986	Amr	s. cargo	Broken up	China (Taiwan)
	ARTHUR C. ELY	1945	2483	Amr	m. repair	Broken up	U.S. of America
	ASHLAND	1943	9057	Amr	s. bulk carrier	Broken up	Spain
ı	AUSTRALIAN REEF	1943	8257	Amr	s. cargo	Broken up	China (Taiwan)
	CAPE COMFORT	1945	7030	Amr	s. cargo	Scuttled	Off U.S. of America
	CARLOS J. FINLAY	1944	7247	Amr	s. cargo	Broken up	U.S. of America
	CHARLES LYKES	1945	8067	Amr	s. cargo	Broken up	China (Taiwan)
	CHARLES M. SCHWAB	1943	7191	Amr	s. cargo	Broken up	U.S. of America
	CHARLES NORDHOFF	1943	7232	Amr	s. cargo	Broken up	Spain
	CHEQUER	1943	6497	Amr	s. cargo	Broken up	China (Taiwan)
	CHILORE	1947	14381	Amr	s. ore carrier	Broken up	Spain
	CHOCTAW	1943	6103	Amr	s. cargo	Broken up	China (Taiwan)
	COASTAL VIKING	1945	3822	Amr	m. cargo	Broken up	U.S. of America
	COSMOS MARINER	1947	8610	Amr	s. cargo	Broken up	China (Taiwan)
	DANIEL H. LOWNSDALE	1942	7210	Amr	s. cargo	Broken up	U.S. of America
	DEL MUNDO	1944	8258	Amr	s. cargo	Broken up	China (Taiwan)
ı	EDWARD D. WHITE	1943	7234	Amr	s. cargo	Broken up	U.S. of America
	EGBERT BENSON	1942	7230	Amr	s. cargo	Broken up	U.S. of America
	EUGENE LYKES	1945	8067	Amr	s. cargo	Broken up	China (Taiwan)
	FERDINAND A. SILCOX	1943	7176	Amr	s. cargo	Broken up	U.S. of America
	FLOMAR	1945	7147	Amr	s. cargo	Broken up	Spain
	FRANK P. REED	1944	7254	Amr	s. cargo	Broken up	U.S. of America
	GEORGE F. PATTEN	1943	7174	Amr	s. cargo	Broken up	Korea (South)
	GEORGE POMUTZ	1944	7176	Amr	s. cargo	Broken up	Spain
- 1	HENRY S. SANFORD	1944	7249	Amr	s. cargo	Broken up	U.S. of America
	HERBERT D. CROLY	1944	7247	Amr	s. cargo	Broken up	U.S. of America
- 1	INDIA BEAR	1944	8197	Amr	s. cargo	Broken up	China (Taiwan)

<del></del>		Cond	emned,	Broken up, et	c.—continued	
Ship's Name and Year of	f Build	Tons Gross	Flag	Туре	Disposal	Where disposed of
JAMES FERGUS	1	943 7234	Amr	s. cargo	Broken up	Spain
JAMES McHENRY	1	943 7202	Amr	s. cargo	Broken up	U.S. of America
JOHN E. WARD	1	943 7248	Amr	s. cargo	Broken up	U.S. of America
JOHN F. APPLEBY	1	942 7234	Amr	s. cargo	Broken up	U.S. of America
JOHN ISAACSON	1	944 7212	Amr	s. cargo	Broken up	U.S. of America
JOHN PAUL JONES .	1	941 7176	Amr	s. cargo	Broken up	U.S. of America
JOSE BONIFACIO	1	943 7175	Amr	s. cargo	Broken up	U.S. of America
JOSIAH TATTNALL	1	944 7200	Amr	s. cargo	Broken up	Spain
LE BARON RUSSELL BRI	GGS 1	944 7256	Amr	s. cargo	Scuttled	Off U.S. of America
MIKIALA	1	944 287	Amr	w.m. tug	Scuttled	Off Hawaii
MORMACGULF	1	946 7667	Amr	s. cargo	Broken up	China (Taiwan)
MORMACLARK	1	943 6715	Amr	s. cargo	Broken up	Spain
MORMACPINE	1	945 7329	Amr	s. cargo	Broken up	China (Taiwan)
MORMACREED	1	943 6689	Amr	s. cargo	Broken up	Italy
MORMACYORK	1	941 7796	Amr	s. cargo	Broken up	Italy
PENNMAR	1	944 7139	Amr	s. cargo	Broken up	Spain
PETROCHEM	1	945 4120	Amr	m. chemical carrier	Scuttled	Off U.S. of America
PIERRE LACLEDE	1	942 7232	Amr	s. cargo	Broken up	U.S. of America
PIONEER COVE	1	946 5979	Amr	s. cargo	Broken up	China (Taiwan)
RANGER	1	943 8156	Amr	s. cargo	Broken up	China (Taiwan)
RANSOM A. MOORE	1	944 7176	Amr	s. cargo	Broken up	U.S. of America
REBECCA LUKENS .	1	944 7425	Amr	s. repair	Broken up	U.S. of America
ROBERT NEIGHBORS .	1	944 7254	Amr	s. cargo	Broken up	Spain
ROBIN SHERWOOD	1	941 6478	Amr	s. cargo	Broken up	China (Taiwan)
SAMCREE	1	943 7210	Amr	s. cargo	Broken up	Korea (South)
SAMUEL ASHE	1	942 7245	Amr	s. cargo	Broken up	U.S. of America
SAMWINGED	1	944 7210	Amr	s. cargo	Broken up	U.S. of America
SANTA CRUZ	1	942 7002	Amr	s. cargo	Broken up	U.S. of America
SEA SERPENT	1	942 8591	Amr	m. cargo	Broken up	Italy
SIMON WILLARD	1	942 7176	Amr	s. cargo	Broken up	U.S. of America
SINNET	1	945 3805	Amr	m. cargo	Broken up	U.S. of America
SOFIA	1	946 8357	Amr	s. cargo	Broken up	China (Taiwan)
STEPHEN FURDEK	1	944 7176	Amr	s. cargo	Broken up	U.S. of America
SURPRISE	1	942 8591	Amr	m. cargo	Broken up	Spain
SUSITNA	1	945 3812	Amr	m. cargo	Broken up	U.S. of America
SYLVIA LYKES	1	945 6108	Amr	s. cargo	Broken up	China (Taiwan)
THEODORE FOSTER	1	942 7242	Amr	s. cargo	Broken up	Spain
THOMAS A. McGINLEY	1	944 7240	Amr	s. cargo	Broken up	Spain
THOMAS B. KING	1	944 7260	Amr	s. cargo	Broken up	U.S. of America
TRANSHUDSON	1	945 10499	Amr	s. tanker	Broken up	Spain
TRANSOCEANIC PEACE	1	944 6116	Amr	s. cargo	Broken up	China (Taiwan)

Ship	's Name and Yea	r of Bu	ild	Tons Gross	Flag	Туре	Disposal	Where disposed of
U.S. PILO	r		1944	8258	Amr	s. cargo	Broken up	China (Taiwan)
VENORE			1945	14301	Amr	s. ore carrier	Broken up	Spain
WILD RAN	GER		1946	8229	Amr	s. cargo	Broken up	China (Taiwan)
WILLIAM	D. HOXIE	•••	1944	7198	Amr	s. cargo	Broken up	U.S. of America
WILLIAM	G. McADOO		1942	7181	Amr	s. cargo	Broken up	Spain
WILLIAM	MOULTRIE		1942	7229	Amr	s. cargo	Broken up	U.S. of America
WILLIAM	PHIPS		1943	7176	Amr	s. cargo	Broken up	U.S. of America
WILLIAM	TILGHMAN		1942	7183	Amr	s. cargo	Broken up	U.S. of America
WINGED A	ARROW		1943	6125	Amr	s. cargo	Broken up	U.S. of America
ZEBULON	B. VANCE		1942	7176	Amr	s. cargo	Broken up	Italy
LOIDE-GU	ATEMALA	•••	1947	5408	Brz	s. cargo	Broken up	Spain
RIO DE JA	ANEIRO		1951	1737	Brz	m. tanker	Broken up	Brazil
RIO IPIRA	NGA	•••	1945	3812	Brz	m. cargo	Broken up	Brazil
RIO MAR	ACANA	•••	1945	3805	Brz	m. cargo	Broken up	Brazil
ALGIT			1924	1325	Bul	s. cargo	Broken up	Italy
ALNILAM		•••	1936	789	Bul	m. cargo	Broken up	Spain
HAI PING			1948	5846	Ch(T)	s. cargo	Broken up	China (Taiwan)
HARRIET	VICTORY		1945	7689	Ch(T)	s. cargo	Broken up	China (Taiwan)
YONG FO	NG		1946	2865	Ch(T)	m. cargo	Broken up	China (Taiwan)
HERI			1895	100	Den	aux. m. cargo	Broken up	Denmark
COCCOLE	ſ <b>Α</b>	•••	1915	1599	Fin	s. passenger and cargo	Broken up	Finland
STELLA P	OLAR	•••	1930	1429	Fin	m. ferry	Broken up	Belgium
ANDRÉ AI	MPÈRE		1948	274	Fra	m. trawler	Broken up	Spain
BRESCOU			1944	296	Fra	m. cargo	Broken up	France
ANNEMAR	IE PALM		1933	243	G(W)	m. cargo	Broken up	West Germany
DARMSTA	DT		1950	443	G(W)	m. fishing	Broken up	West Germany
ЕММА			1918	139	G(W)	m. cargo	Broken up	West Germany
ESTETAL			1926	122	G(W)	m. cargo	Broken up	West Germany
FRITZ SCI	HINDLER		1898	274	G(W)	aux. s. tanker	Broken up	West Germany
INGEBOR	<b>.</b>	•••	1927	113	G(W)	aux. m. cargo	Broken up	West Germany
JOHANNA		•••	1917	211	G(W)	m. cargo	Broken up	West Germany
NORDERN	EY		1932	485	G(W)	m. tanker	Broken up	West Germany
ОТМА			1937	271	G(W)	m. cargo	Broken up	West Germany
REGENSBI	JRG		1958	716	G(W)	m. trawler	Broken up	Belgium
REGULUS			1952	566	G(W)	s. trawler	Broken up	Denmark
SAARBRÜ	CKEN		1957	716	G(W)	m. trawler	Broken up	Belgium
SÜDERELI	BE		1913	105	G(W)	aux. m. cargo	Broken up	West Germany
VAGABUN	D	•••	1924	212	G(W)	m. cargo	Broken up	West Germany
ATLANTIC	A	•••	1931	13803	Grc	s. passenger	Broken up	Greece
1	2 10	•••	1943	867	Grc	m. cargo	Broken up	Greece
GEORGIO	5 F	•••	1343	007	Gie	III. Cargo	Broken up	Greece

Ship's Name and Year	of Build	Tons Gross	Flag	Туре	Disposal	Where disposed of
LEMNOS	194	1078	Grc	s. passenger	Broken up	Greece
LORD LLOYD GEORGE	195	1 11347	Grc	m. tanker	Broken up	Japan
MOUNT OLYMPOS	193	5 10172	Grc	s. passenger	Broken up	Italy
TAVROS	193	1502	Grc	s. cargo	Broken up	Spain
BELLUNO	194	2062	Itl	s. cargo	Broken up	Italy
MARIA POMPEI	193	1589	Itl	s. cargo	Broken up	Italy
ORSOLINA	194	3 7171	Itl	s. cargo	Broken up	Italy
PASQUALE VOLPE	193	7 1538	Itl	s. cargo	Broken up	Italy
PEPPINO PALOMBA	193	8 4832	Itl	s. cargo	Broken up	Italy
SERGIO LAGHI	194	2 10495	Itl	m. tanker	Broken up	Italy
AMARITA	194	1896	K(S)	s. cargo	Broken up	China (Taiwan)
SAN GABRIELE	192	3320	Lbn	s. cargo	Broken up	Italy
GALLETTA	194	7251	Lib	s. cargo	Broken up	Hong Kong
IONIA	194	7 4760	Lib	s. cargo	Broken up	India
AVONTUUR	190	108	Nth	m. cargo	Broken up	Netherlands
BISON	194	618	Nth	m. salvage	Broken up	Netherlands
ENGELINA	190	181	Nth	m. cargo	Broken up	Belgium
GAASTERKERK	194	7637	Nth	s. cargo	Broken up	People's Republic of China
GROOTEKERK	194	7647	Nth	s. cargo	Broken up	People's Republic of China
JACOB	194	319	Nth	m. trawler	Broken up	Netherlands
JACOB CARLA	191	5 113	Nth	m. trawler	Broken up	Netherlands
JAN	191	1 126	Nth	aux. m. fishing	Broken up	Netherlands
OCEAAN V	193	5 191	Nth	m. trawler	Broken up	Netherlands
SONT	193	200	Nth	m. cargo	Broken up	Netherlands
GARGIA	194	374	Nor	s. trawler	Broken up	Norway
ROLLANES	194	350	Nor	s. trawler	Broken up	Norway
SVALBARD	191	203	Nor	m. fishing	Broken up	Norway
THORGLIMT	194	838	Nor	m. whaler	Broken up	Norway
THORSLEP	194	813	Nor	m. whaler	Broken up	Norway
ELEFTHEROTRIA	194	3883	Pan	m. cargo	Broken up	Greece
ELIOS	194	7285	Pan	s. cargo	Broken up	China (Taiwan)
ENTAN	194	7058	Pan	s. cargo	Broken up	Japan
GOLDEN STAR	193	4833	Pan	s. cargo	Broken up	Hong Kong
GRAND QUEST	194	6115	Pan	s. cargo	Broken up	China (Taiwan)
HIGHLAND PARK	194	6714	Pan	s. cargo	Broken up	China (Taiwan)
MARGHERITA	1930	2035	Pan	s. cargo	Broken up	Yugoslavia
мімі	1930	2760	Pan	s. cargo	Broken up	Yugoslavia
PARASKEVI	194	3857	Pan	m. cargo	Broken up	Spain
ROMANCE	194	7294	Pan	m. cargo	Broken up	Yugoslavia
SANTA	194	8292	Pan	s. cargo	Broken up	China (Taiwan)
SINTAH REEFER	1940	3378	Pan	m. cargo	Broken up	China (Taiwan)
SOLAR	194	540	Pan	m. cargo	Broken up	Singapore

Ship's Name and Year	of Build	Tons Gross	Flag	Туре	Disposal	Where disposed of
SOUTHERN VENTURE	1942	7268	Pan	m. cargo	Broken up	China (Taiwan)
STASSI	1954	11815	Pan	s. tanker	Broken up	Spain
VARDIANI	1933	5432	Pan	m. cargo	Broken up	West Germany
EASTERN JUPITER	1946	4147	Phi	m. cargo	Broken up	Japan
LEONARD	1945	3981	Phi	m. cargo	Broken up	Japan
REB	1942	7227	Phi	m. cargo	Broken up	Japan
SIQUIJOR	1945	3807	Phi	m. cargo	Broken up	China (Taiwan)
SÃO SIMÃO	1950	2460	Ptg	s. cargo	Broken up	Portugal
BESHTAU	1943	7162	Rus	s. cargo	Broken up	Spain
PSKOV	1943	7176	Rus	s. cargo	Broken up	United Kingdom
SIKHOTE-ALIN	1943	5294	Rus	s. cargo	Broken up	Yugoslavia
SUDIX	1938	5115	Som	s. cargo	Broken up	Pakistan
GODETIA	1946	515	S.Af	s. trawler	Scuttled	Off South Africa
MEHMET IPAR	1945	7086	Trk	s. cargo	Broken up	Turkey
NEZIHI IPAR	1944	7048	Trk	s. cargo	Broken up	Turkey
VIRGINIA IPAR	1941	7030	Trk	s. cargo	Broken up	Turkey
ESTEMAR	1944	2613	Urg	m. cargo	Broken up	Netherlands
BLED	1945	7714	Ygs	m. passenger and cargo	Broken up	Italy

#### ADDITIONAL INFORMATION

GABY, 131 tons gross motor trawler, built 1930, Blg flag. Reported broken up in Belgium in September, 1966.

Senior, 3084 tons gross steam cargo ship, built 1922, Lbn flag. Reported broken up at Tripoli, in July, 1969.

# LLOYD'S REGISTER OF SHIPPING

# CASUALTY RETURN

MERCHANT SHIPS TOTALLY LOST, BROKEN UP, Etc.,
DURING THE QUARTER ENDED 31st DECEMBER, 1970

(as reported up to 31st May, 1971)

NOTE: It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Casualty Return for the quarter ended 31st December, 1970"

Enquiries should be addressed to The Secretary, Lloyd's Register of Shipping, 71, Fenchurch Street, London, EC3M 4BS

			NT FLEETS OF D AS RECORDED						HOW L	OST									
	FLAG		STICAL TABLES 1970	FOU	NDERED	MI	ISSING	BU	RNT	COL	LISION	WRE	ECKED	LOST	, etc.	TOTA	L LOST	TOTAL PERCE	L LOSS NTAGE
		No. of Ships	Total Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	of Ships T	of Tonnage
	GREAT BRITAIN & N. IRELAND	3,822	25,824,820				•••					1	1,591	•••		1	1,591	0.03	0.01
Ε	AUSTRALIA	344	1,074,112		•••												•••		
# 13 15	CANADA	1,266	2,399,949					4	686					1	106	5	792	0.39	0.03
BRITISH IMONWEA	Cyprus	207	1,138,229		•••		•••	•••	•••	• • •	•••	3	5,131	•••		3	5,131	1 · 45	0.45
BR MW	Hong Kong	116	670,980								•••								
Ŝ	India	399	2,401,656	1	5,468											1	5,468	0.25	0.23
	OTHER COMMONWEALTH COUNTRIES	1,215	2,766,765	5	3,135							1	2,640	•••	•••	6	5,775	0.49	0.21
Arg	ENTINA	327	1,265,510		•••						•••								
BELC		230	1,062,152		•••							•••		•••			•••	•••	•••
BRAZ		422	1,721,608									•••		•••				•••	•••
	IA (TAIWAN)	274	1,166,230								•••						•••		
Desi	MARK	1,210	3,314,320	1	118							1	500			2	<i>C</i> 10	0.17	0.03
FINE		388	1,397,232	1	11,079	• • •	•••	•••	•••	•••	•••	1		•••	•••		618 11,079	0.17	0.02
FRAI		1,420	6,457,900		-	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	1	11,079	0 · 26	0.79
	MANY (EAST)	423	988,640								•••		•••		•••				•••
	MANY (WEST)	2,868	7,881,000	2	995	•••	•••		•••	•••					•••	2	995	0.07	0.01
GRE		1,850	10,951,993	1	12,525	•••	•••		•••	1	2,017	2	2,106			4	16,648	0.22	0 · 15
	DNESIA	489	642,530	1	522	•••	•••		•••	•••	•••	•••		•••	•••	1	522	0 · 20	0.08
Isra	EL	108	713,867		•••	•••	•••	•••	•••	•••	•••	•••		•••	•••		•••	•••	•••
ITAL	Y	1,639	7,447,610	1	388		•••									1	388	0.06	0.01
JAPA	N	8,402	27,003,704	1	169			1	802		•••	4	4,723		•••	6	5,694	0.07	0.02
LEB/	ANON	79	181,790						•••			•••							
Libe	RIA	1,869	33,296,644		•••	•••	•••	1	4,359		•••				•••	1	4,359	0.05	0.01
NET	HERLANDS	1,598	5,206,663	1	871					2	507	2	1,686			5	3,064	0.31	0.06
Nor		2,808	19,346,911									1	180			1	180	0.04	0.00
PAN.		886	5,645,877	3	28,805			1	1,599			1	4,696			5	35,100	0.56	0.62
	IPPINES	313	946,400				•••	1	860			2	564		•••	3	1,424	0.96	0 · 15
Pol	AND	516	1,580,298																
	TUGAL	376	870,008		•••	•••	•••				* · · *	•••	***	•••	•••		•••	• • • •	•••
	SIA (U.S.S.R.)	5,924	14,831,775	1	3,725		•••						•••		•••	1	3,725	0.02	0.03
SPAI	, , , , , , , , , , , , , , , , , , , ,	2,234	3,440,952	1	159	•••		1	929			3	561			5	1,649	0.22	0.05
Swe	DEN	995	4,920,704											1	113	1	113	0 · 10	0.00
TUR		324	696,824		•••	•••	•••	•••	•••	•••	•••		•••	1		1	į.		
	FED STATES OF AMERICA	2,983	18,463,207		•••	•••	•••	1	1,257	1	195	1	 779	•••	•••	3	2,231	0.10	0.01
	OSLAVIA	348	1,515,563			•••			1,257						•••		4,231	0.10	U UI
O	The Country of	2 772			1 226			2	610	. 1						10			0.12
~	ER COUNTRIES	3,772	8,255,441	5	1,326		•••	2	619		3,741	4	4,219		• • • • • • • • • • • • • • • • • • • •	12	9,905	0 32	0 · 12
WO	RLD TOTALS	52,444	227,489,864	25	69,285	• • •		12	11,111	5	6,460	26	29,376	2	219	70	116,451	0.13	0.05

# STEAMSHIPS AND MOTORSHIPS

# DETAILS OF CASUALTIES TABULATED ON PREVIOUS PAGE

(excluding ships of less than 100 tons gross)

# EXPLANATIONS OF CONTRACTIONS

## FLAG

Alb = Albania Alg = Algeria Amr = U.S. of America Arg = Argentina	Den = Denmark Ecu = Ecuador Egy = Egypt (U.A.R.) Eth = Ethiopia	Itl = Italy IvC = Ivory Coast Jam = Jamaica Jpn = Japan	Ptg = Portugal Qat = Qatar Rou = Roumania Rus = Russia (U.S.S.R.)
Ast = Australia Aus = Austria BH = British Honduras Bah = Bahamas	Far = Faroe Islands Fij = Fiji Fin = Finland Fra = France	Ken = Kenya K(S) = Korea (South) Kuw = Kuwait Lbn = Lebanon	SAf = South Africa Sau = Saudi Arabia Sen = Senegal S.Is = Solomon Islands
Bds = Barbados Ber = Bermuda Blg = Belgium Brd = Burundi	GBI = Great Britain and Northern Ireland  G(E) = Germany (East)  G(W) = Germany (West)  Gab = Gaboon	Lby = Libya Lib = Liberia Mad = Madagascar Mal = Malaysia	Sng = Singapore Som = Somali Republic Spn = Spain St.V = St. Vincent
Brz = Brazil Bul = Bulgaria Bur = Burma Cam = Cambodia	Gam = Gambia Gha = Ghana Gib = Gibraltar Grc = Greece	Mau = Mauritania Mdv = Maldive Islands Mex = Mexico Mon = Monaco	Sud = Sudan Swd = Sweden Swz = Switzerland Syr = Syria
Can = Canada Cay = Cayman Islands Cba = Cuba Cey = Ceylon	Gua = Guatemala Gui = Guinea Guy = Guyana HKg = Hong Kong	Mor = Morocco Mta = Malta NG = New Guinea NH = New Hebrides	Tan = Tanzania Tha = Thailand Ton = Tonga Tri = Trinidad
Cgo = Congo (Kinshasa) Chl = Chile ChR = China, People's Rep. of ChT = China (Taiwan)	Hai = Haiti Hgy = Hungary Hon = Honduras Icl = Iceland	NZ = New Zealand Nic = Nicaragua Nig = Nigeria Nor = Norway	Trk = Turkey TrS = Trucial States Tun = Tunisia Urg = Uruguay
Cmb = Colombia Com = British Commonwealth CR = Costa Rica Cyp = Cyprus	Ida = India Idn = Indonesia IR = Irish Republic Irn = Iran	Nth = Netherlands Pak = Pakistan Pan = Panama Par = Paraguay	Ven = Venezuela VI = Virgin Islands V(N) = Vietnam (North) V(S) = Vietnam (South)
Cze = Czechoslovakia Dca = Dominican Republic	Irq = Iraq Isr = Israel	Per = Peru Phi = Philippines Pol = Poland	Yem = Yemen YmS = Yemen (South) Ygs = Yugoslavia

#### DESCRIPTION

aux. <b>– Auxiliary</b>	f	<ul> <li>Ferro-concrete</li> </ul>	irn	— Iron	rр	<ul> <li>Reinforced plastic</li> </ul>	(T)	<ul> <li>Oil Tanker</li> </ul>
c = Composite	gts	<ul> <li>Gas turbine ship</li> </ul>	m.	<ul> <li>Motorship</li> </ul>	8.	- Steamship	w	- Wood

N.B.-Unless otherwise stated, all steamships and motorships were of steel construction

## Foundered

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
CARIBBEAN MIST 1947	1318	Com (Bah)	m. cargo	Port of Spain Baltimore	Bauxite	Off North Carolina, in lat. 33 52N., long. 75 30W., in heavy weather.	5th Nov.
MAHA JAG MITRA 1959	5468	Com (Ida)	m. cargo	Calcutta—Basrah	Steel jute & tea	Presumed to have foundered in the Bay of Bengal during a cyclone.	- Nov.
SOSHI 1951	352	Com (Pak)	s. tug		•••	At Ghazipura, E. Pakistan, during a cyclone.	13th Nov.
KING MITCH 1944	347	Com (St.V)	m. cargo	Port of Spain— St. George	Cement & general	Sprang leak and sank 45 miles S.W. of Grenada.	3rd Dec.
WALLACE TRIUMPH 1964	189	Com (St.V)	w.m. cargo	Trinidad— Barbados	General	Sprang leak and sank 30 miles S.W. of Barbados.	7th Dec.
JOY TAYLOR 1942	929	Com (Sng)	m. cargo	Singapore— Saigon	Lubri- cating oil in drums	280 miles S. of Saigon, in lat. 6 59N., long. 105 54E., due to cargo shifting in heavy weather.	29th Dec.
ANMARI 1961	118	Den	m. trawler		•••	Sprang leak in engine room and sank in lat. 59 5N., long. 15E.	6th Nov.
RAGNY 1951	11079	Fin	m. tanker	Freeport (Bahmas) —Trondhein	Auto- diesel oil	Broke in two and sank 600 miles miles E. of Cape May.	26th Dec.

#### Foundered—continued

Ship's Name and Year	of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
LEDA	1951	497	G(W)	m. cargo	Halmstad— Lorient	Timber	In lat. 52 32 36N., long. 3 18E., in heavy weather.	3rd Oct.
STEPHANITURM	1970	498	G(W)	m. supply	Capetown— Madagascar	Oil drilling equip- ment	65 miles off Durban, in lat. 29 35S., long. 32 15E., following engine trouble during a hurricane.	13th Oct.
ANASTASIA J. L.	1952	12525	Grc	m. tanker	La Salina— Antwerp	Crude oil	Sprang leak and sank near the Azores, in approximately lat. 41 53N., long. 21 29W., in heavy weather.	8th Oct.
LANGIR	1953	522	Idn	m. cargo	Bangkok— Pontianak	Rice	In Gulf of Thailand, in lat. 10 10N., long. 101 10E., in heavy weather.	29th Nov.
MARIA A	1939	388	Itl	m. cargo	Baia—Catania	Chalk	Sprang leak and sank off Capo Scalea, Golfo di Policastro.	7th Dec.
HOEI MARU	1964	169	Jpn	w.m. cargo	Ehime— Amagasaki	Ballast	Capsized and sank in Hiuchi Noda, off Minoshima, in lat. 34 5 5N., long. 133 13 3E., in heavy weather.	2nd Dec.
CHUN DEOK	1968	504	K(S)	m. cargo	Pusan—Kanda	Graphite	Sprang leak and sank in lat. 34 17N., long. 129 53 30E.	27th Oct.
NAM YUNG HO	1967	362	K(S)	m. passenger and cargo	Cheju Do— Pusan	Vegetables fruit & passen- gers	Capsized and sank off South Korea, in lat. 34 5N., long. 128 5E., due to cargo shifting.	15th Dec.
No. 16 DAE YANG	1961	240	K(S)	m. fishing			In lat. 13 53S., long. 27 7W.	18th Nov.
SMIT-LLOYD 102	1970	871	Nth	m. supply	Mossel Bay— Port Elizabeth	Steel casings	Capsized and sank 90 miles off Mossel Bay, in lat. 34 14S., long. 24 7E., in heavy weather.	31st Dec.
CHRYSSI	1953	19183	Pan	s. tanker	El Palito— Boston	Crude oil	Broke in two and sank 250 miles S.W. of Bermuda.	26th Dec.
JULEP	1945	7607	Pan	s. cargo	Coondapcor— Tobata	•••	In approximately lat. 17 30N., long. 119 10E.	20th Nov.
MACHOTE	1941	2015	Pan	s. cargo		•••	In lat. 26 45N., long. 79 36W., during heavy weather, whilst in tow from Tampa to La Spezia for breaking up.	31st Oct.
MARIA ELENA	1962	100	Per	m. fishing		•••	Off Ilo.	18th Dec.
P.F.2	1963	120	Per	w.m. fishing	 ;	•••	Sprang leak and sank off Chimbote.	17th Nov.
PORONAYSK	1963	3725	Rus	m. cargo	Okhotsk— Vladivostok	Salt herring in casks	50 miles S. of Cape Patience, Sakhalin Island, in heavy weather.	2nd Dec.
SANTISIMA VIRGE DEL CARMEN	N 1963	159	Spn	w.m. fishing		•••	Off Spanish Sahara in heavy weather.	28th Dec.

# Burnt

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
ANNA E. CAMPERS 1963	145	Com (Can)	w.m. fishing		•••	Caught fire and sank 120 miles off Cape Cod.	11th Oct.
SADIE AND EVA 1963	128	Com (Can)	w.m. cargo	··· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··	·	Caught fire 20 miles N. of Low Point, N.S., towed to North Sydney N.S., beached and condemned.	22nd Oct.
SISTER ALEX 1969	125	Com (Can)	w.m. fishing			Caught fire in engine room and sank 20 miles S. of St. Anthony, in lat. 51 50N., long. 55 50W.	21st Oct.

# Burnt-continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
SOURIS TRADER 1941	288	Com (Can)	w.m. cargo			Caught fire in engine room and sank between Wood Island and Cariboo, N.S.	29th Oct.
POLING BROS. No. 11 1927	1257	Amr	m. tanker		Gasoline	Caught fire after explosion and sank while loading cargo at Carteret, N.J.; subsequently raised and broken up.	6th Oct.
KASAMATSU MARU 1965	802	Jpn	m. tanker	Yokohama— Nagoya	Kerosine	Sank after explosion in engine room near Shimoda, Shizuoka.	16th Oct.
JENNY-MARINE 1951	4359	Lib	m. cargo	Hamburg— Indonesia	General	Caught fire in cargo in lat. 23S., long. 8E.; subsequently towed to Walvis Bay and condemned.	30th Oct.
KUANG YUN 1956	1599	Pan	m. cargo	Yokohama— Keelung	Chemicals & steel	Caught fire in engine room and sank in lat. 25 15N., long. 125 30E.	13th Nov.
ARLEQUIN	120	Per	w.m. fishing	· · · · · · · · · · · · · · · · · · ·		Caught fire in engine room and sank off Punta Caballas.	8th Dec.
LSCO BRITON 1959	860	Phi	m. liquefied gas carrier		•••	Caught fire after explosion at Batangas; subsequently sold and broken up.	9th Nov.
GRIQUALAND 1962	499	SAf	m. cargo	Durban— Cape Town	Paint, spirits & general	Caught fire following an explosion in cargo in lat. 30S., long. 31 3E.; subsequently sunk by gunfire.	13th Nov.
RIBERA GADITANA 1963	929	Spn	m. stern trawler		•••	Caught fire in lat. 24 58S., long. 13 40E., and subsequently sank.	7th Dec.

## Collision

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
EL TIGRE GRANDE 1963	195	Amr	m. tug			Sank after collision with drilling platform off Louisiana, in lat. 28 26 25N., long. 92 47 53W.	6th Nov.
<b>KAPA TRADER</b> 1948	2017	Grc	m. cargo	DurresGdynia	Asphalt	Sank after collision with Rhon 15 miles S.W. of Heligoland, in lat. 53 58 51N., long. 7 41 34E.	26th Nov.
ELS TEEKMAN 1962	399	Nth	m. cargo	Goole—Delfzyl	General	Sank after collision with Thuroklint 2 miles S.W. of Terschellingbank light vessel.	26th Nov.
<b>SWIFT</b> 1956	108	Nth	m. fishing		•••	Sank after collision with Phenix I (T) off Ymuiden in fog.	13th Oct.
ERKOWIT 1962	3741	Sud	m. cargo	Liverpool— Port Sudan	General	In collision with DORTMUND in lat. 43 32N., long. 9 10W., in fog; subsequently towed to Corunna Bay and beached.	30th Oct.

# Wrecked (Under this heading are included ships lost through stranding, or striking rocks, sunken wrecks, etc.)

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
<b>ESK QUEEN</b> 1959	1591	GBI	m. cargo	Furillen— Stockvik	Lime- stone	At Britgrund, E. of Gotland.	1st Oct.
EVI ANTONATOS 1947	3627	Com (Cyp)	s. cargo	Rostock— Gdynia	Ballast	On rocks off Ronne harbour in heavy weather.	9th Nov.
JOHN L 1943	232	Com (Cyp)	m. barge			On rocks in lat. 32 42N., long. 22 51E., following steering trouble in heavy weather.	26th Oct.
<b>RIGEL</b> 1951	1272	Com (Cyp)	m. cargo	Terneuzen— Lubeck	Slag	On rocks off Texel Island after developing list in heavy weather.	3rd Nov.

# Wrecked—continued

<del></del>		<u> </u>	<del></del>		·		
Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
ASIAN VICTORY 1959	2640	Com (Sng)	m. cargo	Keelung— Indonesia	Ballast	On rocks, 10 miles N. of Keelung, in lat. 25 9 47N., long. 121 43 47E., in heavy weather.	24th Dec.
SILVER STRAND 1927	799	Amr	w.m. ferry		•••	On rocks outside Fish Harbour, Terminal Island, after breaking moorings in heavy weather.	28th Nov.
WEST STAR 1965	500	Den	m. cargo	Gdansk— Wivenhoe	Timber	Off Stilo in heavy weather.	26th Oct.
AGIA ANNA 1939	1000	Grc	m. cargo	Sikka—Abu Dhabi	Cement	Struck submerged object and subsequently beached 40 miles S. of Karachi.	17th Dec.
TROPEOFOROS 1943	1106	Grc	m. cargo		•••	Struck quay and sank in Naples Harbour during heavy weather.	28th Dec.
KIRISHIMA MARU 1958	349	Jpn	m. cargo	Minamata— Yokohama	Ore	Stranded and sank at Amakusa, Kumamoto, in lat. 32 8 6N., long. 130 6E., in fog.	9th Nov.
KYOSHIN MARU 1968	2993	Jpn	m. cargo	Sandakan— Tokyo	Lumber	Struck submerged rocks and sank in Lagonoy Gulf, 200 miles S.E. of Manila, during typhoon.	13th Oct.
MASASHIMA MARU 1958	995	Jpn	m. tanker	Aomori— Yamaguchi	•••	Struck wharf and sank at Aomori in heavy weather.	2nd Dec
TAIYU MARU 1958	386	Jpn	m. cargo	Ikeshima, Nagasaki— Yawata	Coal	Stranded and sank near Miyo- kehzaki, in lat. 34N., long. 130 39 30E.	18th Nov.
HEREFORD EXPRESS 1950	497	Nth	m. livestock carrier	Londonderry— Glasgow	Cattle	Stranded S. Mull of Kintyre lighthouse; subsequently refloated, taken in tow, but grounded near Sanda Island lighthouse, in fog.	29th Oct.
SHAMROCK REEFER 1960	1189	Nth	m. cargo	Rotterdam— Cape Verde Islands	Ballast	Stranded Assenta Beach, 65 miles N. of Lisbon after making water.	2nd Oct.
VESTMAR 1890	180	Nor	irn. m. cargo	Högsfjord— Bergen	Gravel	On Sletta, N. of Haugesund due to cargo shifting in heavy weather.	2nd Dec.
COLLIN ROSE 1936	4696	Pan	s. cargo	Manila—Dumai	Cement	In Paluan Bay, Mindoro, during typhoon.	14th Oct.
GOLDEN ROSE III 1965	105	Per	m. trawler		•••	Struck submerged object and sank off Tambo de Mora, 30 miles N. of Pisca.	23rd Oct.
TASA 14 1963	120	Per	m. fishing			Struck submerged object and sank off Callao.	17th Oct.
DON BONIFACIO 1948	212	Phi	m. cargo			Struck reef and sank in Cateel, E. coast of Mindanao.	23rd Oct.
KLIPCO 1958	352	Phi	m. cargo	Hondagua—Cebu	Flour	On reef off Macalabo Island, in lat. 14 23 6N., long. 122 43 6E., whilst seeking shelter in heavy weather.	28th Oct.
TONG LAM 1945	3827	Som	m. cargo	North Korea— Chittagong	Pig Iron	On Scarborough Reef, China Sea, in lat. 20 35N., long. 116 50E.	22nd Oct.
WINSTON 1961	167	SAf	m, trawler		•••	On rocks 15 miles S. of Ugab River, in lat. 21 15S., long. 13 40E.	17th Oct.
LA ISLA 1962	201	Spn	m. trawler			Struck rocks and sank off Hercules lighthouse, near Cor- unna.	4th Oct.
MONTE SESERMENDI 1960	174	Spn	w.m. fishing			On rocks off Sainte Marie de Re, on Plateau de Chauveau, after springing leak and sustaining rudder damage in heavy weather.	1st Dec.
PUNTA KALPARRA 1964	186	Spn	m. trawler		· · · · · · · · · · · · · · · · · · ·	On rocks S. of Valparaiso, in lat. 33 5 54S., long. 71 45 12W.	7th Oct.

Lost

(Under this heading are included total losses which for want of sufficient information, or for other reasons, cannot be classified)

Ship's Name and Year	of Build	Tons Gross	Flag	Туре	Voyage		Cargo	Circumstances and place Date
ISABEL SUZANNE	1946	106	Com (Can)	w.m. fishing	 •••			Sunk by ice 2½ miles S.W. of 24th De Bay de Vieux.
VÄSTANVIND	1903	113	Swd	aux m. fishing	 •••	•••		Presumed sunk following collision with a whale N. of the Canary Islands.

#### REINSTATE

SANDSKÄR, 381 tons gross motor cargo ship, built 1936, Swd flag. Reported wrecked on page 54 of the December Quarterly Casualty Return 1969. Now reported refloated, repaired and replaced in commission.

#### ADDITIONAL INFORMATION

- SLOGEN, 938 tons gross motor cargo ship, built 1941, Com (Sng) flag. Reported damaged by explosion and fire at Rumbai, Sumatra, on 7th November, 1967; subsequently towed to Singapore and broken up in May, 1970.
- WHITEMAN 10, 198 tons gross wooden motor tug, built 1944, Amr flag. Reported sunk whilst moored in Mississippi River during hurricane on 14th October, 1969.
- WILLIAM, 283 tons gross wooden motor tug, built 1943, Amr flag. Reported wrecked off Quang Tri Province, South Vietnam, in January, 1969.
- ISMINI, 107 tons gross wooden auxiliary motor cargo ship, built 1949, Grc flag. Reported struck reef and sank at Koundourou on 26th October, 1965.
- GRØNVAG, 189 tons gross wooden motor fishing ship, built 1947, Nor flag. Reported caught fire in engine room 17 miles off Egedöy light on 29th October, 1968, towed to Egersund where sank; subsequently refloated and is now in service as a sand lighter.
- Delbros Mt. Samat, 745 tons gross motor tanker, built 1945, Phi flag. Reported foundered in lat. 11 25N., long. 121 59 9E., during a typhoon, on 8th July, 1969.
- JOSEFA MANZANARO, 153 tons gross wooden motor fishing ship, built 1964, Spn flag. Reported caught fire in engine room and sank off Punta Alcipres, near Villa Cisneros, Spanish Sahara, on 4th October, 1969.
- NORIK, 353 tons gross wooden auxiliary motor schooner, built 1919, Swd flag. Reported foundered at Idö while in tow from Norrköping to Västervik in November, 1969.

# STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC. DURING THE QUARTER NOT CONSEQUENT UPON CASUALTY

* ;	· • • • • • • • • • • • • • • • • • • •	lag			No.	Tons Gross			Flag		,	No.	Tons Gross
1	Great Brit	ain &					Kuwait					1	1,759
E (	Norther		ınd		8	13,327	Japan	•••	•••			1	7,573
5	Canada		•••	•••	4	15,679	Lebanon		•••		•••	1	2,935
ME I	Cyprus			•••	2	14,729	Liberia			•••		3	7,207
BRITISH	Hong Kor	00			1	7,275	Netherlan	de				2	309
Q I	India	_	•••		1	7,541	Norway					5	948
0	Pakistan	•••	•••		1	7,081	Panama		•••	•		3	7,732
,	Lakistan	•••	•••	•••	1	7,001	Poland			•••		1	4,668
Belgiu	ım				1	109	1 olulla	•••		•••	•••	-	,,,,,,
Bulga					1	1,545	Russia (U	.S.S.R	.)			4	13,543
Chile					î	2,411	Saudi Ara		••,			i	3,917
	(Taiwan)				2	9,833	South Afr					2	1,089
	(141)	•••	•••	•••	_	,,022	Spain					ī	993
Finla	nd				1	1,944	Dpum	•••	•••	•••		•	
Franc					3	1,805	Sweden					1	123
	any (East)				1	588	United Sta		Ameri			64	454,621
	any (West)				46	9,949	Yugoslavi					1	7,724
_							•						
Greec		• • •	•••	•••	9	37,700							
Hond		• • •		•••	1	1,492			_				
Indon	esia	• • • •	•••	•••	1	3,586	WORLD	TOTA	AL.			181	674,063
Italy		• • •	•••	•••	6	22,328							

Ship's Name and Year of Bui	ld	Tons Gross Flag	Туре	Disposal	Where disposed of
BALLYHAFT	1952	991 <b>GB</b> I	s. cargo	Broken up	Belgium
HIRST	1952	164 GBI	s. cargo	Broken up	United Kingdom
HOPPER No. 10	1912	842 GBI	s. hopper barge	Broken up	United Kingdom
J. H. HUNTER	1924	1500 GBI	s. sludge carrier	Broken up	United Kingdom
LIZZIE & ANNIE	1877	117 GBI	irn. m. cargo	Broken up	United Kingdom
MOIRA M	1937	678 GBI	m. cargo	Broken up	United Kingdom
SEA CAPTAIN	1945	7385 GBI	m. cargo	Broken up	People's Republic of China
VACUUM PIONEER	1953	1650 GBI	s. tanker	Broken up	United Kingdom
ESTEVAN	1912	1161 Com (Can)	s. lighthouse tender	Broken up	Japan
MANCOX	1903	1551 Com (Can)	s. cargo	Broken up	Canada
MARTIAN	1901	3493 Com (Can)	s. cargo	Broken up	Italy
NIXON BERRY	1920	9474 Com (Can)	s. bulk carrier	Broken up	Italy
GLENDA	1937	7731 Com (Cyp)	m. cargo	Broken up	People's Republic of China
PATRICIA	1943	6998 Com (Cyp)	m. cargo	Broken up	People's Republic of China
APJ RITA	1945	7541 Com (Ida)	s. cargo	Broken up	India
INCHDOUGLAS	1943	7275 Com (HKg)	m. cargo	Broken up	China (Taiwan)
ILYASBAKSH	1943	7081 Com (Pak)	s. cargo	Broken up	India
ANADARKO VICTORY	1945	7607 Amr	s. cargo	Broken up	U.S. of America
AUGUST BELMONT	1944	7206 Amr	s. cargo	Broken up	Turkey
AUGUSTINE B. McMANUS	1944	7249 Amr	s. cargo	Broken up	U.S. of America
BAY STATE	1944	8162 Amr	s. cargo	Broken up	China (Taiwan)

Condemned, Broken up, etc.—continued											
Ship's Name and Year of Build	Tons Gross	Flag	Туре	Disposal	Where disposed of						
BAYLOR VICTORY 1945	7607	Amr	s. cargo	Broken up	China (Taiwan)						
BAYOU STATE 1944	8036	Amr	s. cargo	Broken up	China (Taiwan)						
CAPE FRIENDSHIP 1943	6709	Amr	s. cargo	Broken up	Spain						
CAPE LAMBERT 1944	6711	Amr	s. cargo	Broken up	U.S. of America						
CAPE LOOKOUT 1941	6840	Amr	m. cargo	Broken up	Spain						
CARDINAL GIBBONS 1942	7189	Amr	s. cargo	Broken up	U.S. of America						
CHRISTOPHER GADSDEN 1942	7177	Amr	s. cargo	Broken up	U.S. of America						
CLARA BARTON 1942	7229	Amr	s. cargo	Broken up	Turkey						
EDWARD S. HOUGH 1944	7259	Amr	s. cargo	Broken up	U.S. of America						
FAIRPORT 1946	6065	Amr	s. cargo	Broken up	China (Taiwan)						
FLOYD BENNETT 1943	7229	Amr	s. cargo	Broken up	U.S. of America						
FORT PINE 1942	7133	Amr	s. cargo	Broken up	U.S. of America						
FRANK C. EMERSON 1943	7226	Amr	s. cargo	Broken up	U.S. of America						
FRANK JOSEPH IRWIN 1942	7227	Amr	s. cargo	Broken up	Spain						
FRANK LYKES 1944	8067	Amr	s. cargo	Broken up	China (Taiwan)						
FREDERIC REMINGTON 1943	7227	Amr	s. cargo	Broken up	U.S. of America						
FREDERIC W. GALBRAITH 1944	7256	Amr	s. cargo	Broken up	U.S. of America						
GEORGE H. PENDLETON 1943	7238	Amr	s. cargo	Broken up	U.S. of America						
GEORGE WYTHE 1942	7240	Amr	s. cargo	Broken up	Spain						
GIBBES LYKES 1944	8067	Amr	s. cargo	Broken up	China (Taiwan)						
GREEN HARBOUR 1945	9500	Amr	s. cargo	Broken up	China (Taiwan)						
GREEN VALLEY 1945	9482	Amr	s. cargo	Broken up	China (Taiwan)						
HAWAIIAN RETAILER 1944	7940	Amr	s. cargo	Broken up	U.S. of America						
HENRY BALDWIN 1942	7260	Amr	s. cargo	Broken up	U.S. of America						
HENRY D. LINDSLEY 1944	7256	Amr	s. cargo	Broken up	Spain						
HENRY WRIGHT HURLEY 1945	2602	Amr	m. repair	Broken up	U.S. of America						
IRISH SPLICE 1945	3805	Amr	m. cargo	Broken up	Spain						
JACOB S. MANSFELD 1943	7176	Amr	s. cargo	Broken up	U.S. of America						
JAMES BARBOUR 1943	7272	Amr	s. cargo	Broken up	U.S. of America						
JAMES GUNN 1942	7191	Amr	s. cargo	Broken up	U.S. of America						
JAMES MONROE 1942	7176	Amr	s. cargo	Broken up	U.S. of America						
JOHN H. McINTOSH 1944	7246	Amr	s. cargo	Broken up	Spain						
JOSEPH PRIESTLEY 1943	7229	Amr	s. cargo	Broken up	U.S. of America						
JOSEPH S. SCOBELL 1891	1445	Amr	m. suction dredger	Broken up	Canada						
JOSEPH W. FOLK 1943	7229	Amr	s. cargo	Broken up	U.S. of America						
LOUISA M. ALCOTT 1943	7262	Amr	s. cargo	Broken up	Spain						
MARINE SHIPPER 1945	6742	Amr	s. cargo	Broken up	U.S. of America						
MARLINE BEND 194:	3824	Amr	m. cargo	Broken up	Spain						
MARYMAR 1944	7131	Amr	s. cargo	Broken up	Spain						
NORMAN O. PEDRICK 1944	7218	Amr	s. tanker	Broken up	Spain						
PERE MARQUETTE 21 1924	3558	Amr	s. ferry	Broken up	U.S. of America						

Condemned, Broken up, etc.-continued

1	<del> </del>	nuncu, Dioaca			
Ship's Name and Year of Build	Tons Gross	Flag T	ype Disposal		Where disposed of
PRINCE L. CAMPBELL	1943 7231	Amr s. c	argo Broken up	· · · · · · ·	Spain
SAGAMORE HILL	1944 8231	Amr s. c	argo Broken up		China (Taiwan)
SALMON KNOT	1945 3805	Amr m.	argo Broken up		Spain
SAMFORTH	1943 7219	Amr s. c	argo Broken up		U.S. of America
SANTA CLARA	1946 8610	Amr s. c	argo Broken up		Spain
T. A. JOHNSTON	1944 7176	Amr s. c	argo Broken up		U.S. of America
TANANA	1945 3805	Amr m.	eargo Broken up		U.S. of America
TEXAS	1941 7773	Amr s. c	argo Broken up		U.S. of America
THOMAS LE VALLEY	1944 7176	Amr s. r	pair Broken up		Italy
TRANSCARIBBEAN	1945 7641	Amr s. c	argo Broken up		China (Taiwan)
TRANSHARTFORD	1942 10295	Amr s. ta	nker Broken up		Spain
TRANSHATTERAS	1943 10410	Amr s. ta	nker Broken up		Spain
TRANSORLEANS	1943   10559	Amr s. ta	nker Broken up		Spain
VANTAGE PROGRESS	1944 8210	Amr s. c	argo Broken up		China (Taiwan)
WILLIAM BLOUNT	1942 7176	Amr s. c	Broken up		U.S. of America
WILLIAM CARSON	1943 7176	Amr s. c	argo Broken up		U.S. of America
WILLIAM FLOYD	1942 7176	Amr s. c	Broken up		U.S. of America
WINFIELD S. STRATTON	1943 7224	Amr s. c	argo Broken up		Italy
WINSLOW HOMER	1942 7228	Amr s. c	Broken up		U.S. of America
HECTOR-FRANS	1938 109	Blg w.m.	Condemned as A. DATUS	DEOS	Belgium
BOR	1918   1545	Bul s. c			Italy
	1953 2411				Spain
HAI OU	1943 7368	Ch(T) s. pas			China (Taiwan)
TEH-PING	1937 2465	Ch(T) s. c	argo Broken up		China (Taiwan)
ORNEN	1927 1944	Fin s. c	argo Broken up		Finland
FREGATE	1950 392	Fra m. f	shing Broken up		Spain
GERS	1954 1193	Fra s. ta	nker Broken up		Spain
GRÈBE	1949 220	Fra m. t	awler Broken up		Spain
KARL-MARX-STADT	1952 588	G(E) m. tr	awler Broken up		West Germany
ADRENA	1939 249	G(W) m.	Broken up		West Germany
ALMA	1904 104	G(W) m.	Broken up		West Germany
ANITA	1929 171	G(W) m.	eargo Broken up		Netherlands
ANKE H	1942 289	G(W) m.	Broken up		West Germany
DIRKA	1929 207	G(W) m.	Broken up		Netherlands
DORA	1928 135	G(W) m.	Broken up		West Germany
ELEONORE	1938 283	G(W) m.	cargo Broken up		West Germany
ERICH	1907 104	G(W) m.	argo Broken up		West Germany
FALKENSTEIN	1955 651	G(W) m. tı	awler Broken up		West Germany
FRANZISKA	1909 174	G(W) m.	Broken up		West Germany
GABRIELE	— 341	G(W) m.	Broken up		West Germany
GERFRIED	1937 298	G(W) m.	Broken up		West Germany
	1	1 1	in a d		

Continued

CERTHA	Ship's Name and Year	r of Build	Tons Flag	Туре	Disposal	Where disposed of
GUDRUN   1909   179   G(W)   aux. m. eargo   Broken up   West Germany   HANNCHEN ALLERS   1913   168   G(W)   m. eargo   Broken up   West Germany   HEIMKERIR   1920   123   G(W)   m. eargo   Broken up   West Germany   HEIMKERIR   1927   199   G(W)   m. eargo   Broken up   West Germany   HEIMKERIR   1909   104   G(W)   m. eargo   Broken up   West Germany   HILDA   1926   250   G(W)   m. eargo   Broken up   Denmark   Mest Germany   HILDA   1926   250   G(W)   m. eargo   Broken up   Denmark   Mest Germany   HILDA   1926   251   G(W)   m. eargo   Broken up   Denmark   Mest Germany   Mes						
HEIMKEHR				_	_	
HEIMEREIR   1930   123   G(W)   m. cargo   Broken up   West Germany   HELGA   1927   199   G(W)   aux m. cargo   Broken up   Netherlands   HERBERT   1999   104   G(W)   m. cargo   Broken up   Demark   Demark	GUDRUN	1909	179 G(W)	aux. m. cargo	Broken up	
HELGA 1927 199 G(W) aux m. cargo Broken up Netherlands HERBERT 1999 104 G(W) m. cargo Broken up West Germany HILDA 1926 259 G(W) m. cargo Broken up Denmark West Germany HILDA 1925 291 G(W) m. cargo Broken up West Germany West Germany West Germany West Germany Mexer 1927 138 G(W) m. cargo Broken up West Germany West Germany Mexer 1927 138 G(W) m. cargo Broken up West Germany West Germany Mexer 1927 138 G(W) m. cargo Broken up West Germany West Germany Mexer 1927 138 G(W) aux m. cargo Broken up West Germany West Germany Mexer 1927 138 G(W) m. cargo Broken up West Germany West Germany Mexer 1931 133 G(W) m. cargo Broken up West Germany West Germany Mexer 1931 134 G(W) m. cargo Broken up West Germany West Germany Mexer 1931 147 G(W) m. cargo Broken up West Germany West Germany West Germany West Germany Mexer Mexer Mexer West Germany .	HANNCHEN ALLERS	1913	168 G(W)	m. cargo	Broken up	West Germany
HERBERT 1909 104 G(W) m. cargo Broken up West Germany HILDA 1926 250 G(W) m. cargo Broken up West Germany HILDA 1924 291 G(W) m. cargo Broken up West Germany HILDA 1929 149 G(W) m. cargo Broken up West Germany HILDA 1927 249 G(W) m. cargo Broken up West Germany HILDA 1927 138 G(W) m. cargo Broken up West Germany HILDA 1927 138 G(W) m. cargo Broken up West Germany JACOBUS 1937 231 G(W) m. cargo Broken up West Germany JACOBUS 1937 131 G(W) m. cargo Broken up West Germany JACOBUS 1931 133 G(W) m. cargo Broken up West Germany JAKOB EKKENGA 1951 300 G(W) m. cargo Broken up West Germany JOHANN HERMANN 1917 1212 G(W) m. cargo Broken up West Germany JOHANN HELMINE 1931 147 G(W) m. cargo Broken up West Germany KÖTLGSBERG 1931 147 G(W) m. cargo Broken up West Germany KÖNDOR 1911 139 G(W) m. cargo Broken up West Germany KÖNIGSBERG 1936 G(W) m. cargo Broken up West Germany KÖNIGSBERG 1936 G(W) m. cargo Broken up West Germany KÖNIGSBERG 1931 211 G(W) m. cargo Broken up West Germany KÖNIGSBERG 1936 G(W) m. cargo Broken up West Germany KÖNIGSBERG 1931 211 G(W) m. cargo Broken up West Germany KÖNIGSBERG 1931 148 G(W) m. cargo Broken up West Germany KÖNIGSBERG 1931 150 G(W) m. cargo Broken up West Germany MINNA CATHARINA 1914 138 G(W) m. cargo Broken up West Germany MINNA CATHARINA 1914 138 G(W) m. cargo Broken up West Germany REGINA 1923 150 G(W) m. cargo Broken up West Germany REGINA 1931 227 G(W) m. cargo Broken up West Germany REGINA 1932 150 G(W) m. cargo Broken up West Germany REGINA 1931 227 G(W) m. cargo Broken up West Germany RENATE H 1913 227 G(W) m. cargo Broken up West Germany RENATE H 1913 227 G(W) m. cargo Broken up West Germany RENATE H 1931 400 G(W) m. cargo Broken up West Germany RENATE H 1939 342 G(W) m. cargo Broken up West Germany RENATE H 1939 640 G(	HEIMKEHR	1930	123 G(W)	m. cargo	Broken up	West Germany
HILDA	HELGA		199 G(W)	aux. m. cargo	Broken up	Netherlands
IMPERIAL   1954   29    G(W)   m. wine tanker   Broken up   West Germany	HERBERT	1909	104 G(W)	m. cargo	Broken up	West Germany
INGRID BLANCK	HILDA	1926	250 G(W)	m. cargo	Broken up	Denmark
INGRID KOCH	IMPERIAL	1954	291 G(W)		Broken up	West Germany
J. MEYER	INGRID BLANCK	1929	149 G(W)	m. cargo	Broken up	West Germany
JACOBUS         1937         231         G(W)         m. cargo         Broken up         West Germany           JAKOB EKKENGA         1951         300         G(W)         m. fishing         Broken up         United Kingdom           JENS-B         1931         113         G(W)         m. cargo         Broken up         West Germany           JONNI WILHELMINE         1931         147         G(W)         m. cargo         Broken up         West Germany           KÄTE OLTMANN         1943         249         G(W)         m. cargo         Broken up         West Germany           KONDOR         1911         139         G(W)         m. cargo         Broken up         West Germany           KÖNIGSBERG         1936         200         G(W)         m. cargo         Broken up         Netherlands           LENA         1931         211         G(W)         m. cargo         Broken up         Netherlands           MARIA ELISE         1911         148         G(W)         m. cargo         Broken up         West Germany           MINNA CATHARINA         1914         138         G(W)         m. cargo         Broken up         West Germany           MINNA ABRIE         1908         105 <td< td=""><td>INGRID KOCH</td><td> 1927</td><td>249 G(W)</td><td>m. cargo</td><td>Broken up</td><td>Netherlands</td></td<>	INGRID KOCH	1927	249 G(W)	m. cargo	Broken up	Netherlands
JAROB EKKENGA	J. MEYER	1927	138 G(W)	aux. m. cargo	Broken up	West Germany
JENS-B	JACOBUS	1937	231 G(W)	m. cargo	Broken up	West Germany
JOHANN HERMANN   1917   212   G(W)   m. cargo   Broken up   West Germany   JONNI WILHELMINE   1931   147   G(W)   m. cargo   Broken up   West Germany   West Germany   KÖNIGSBERG   1936   200   G(W)   m. cargo   Broken up   West Germany   KÖNIGSBERG   1936   200   G(W)   m. cargo   Broken up   West Germany   KÖNIGSBERG   1931   211   G(W)   m. cargo   Broken up   Netherlands   MARIA ELISE   1911   148   G(W)   m. cargo   Broken up   West Germany   MEHE   1928   193   G(W)   m. cargo   Broken up   West Germany   West Germany   MINNA CATHARINA   1914   138   G(W)   m. cargo   Broken up   West Germany   West Germany   MINNA MARIE   1908   105   G(W)   m. cargo   Broken up   West Germany   West Germany   REGINA   1928   150   G(W)   m. cargo   Broken up   West Germany   West Germany   REIN   1913   227   G(W)   m. cargo   Broken up   West Germany   West Germany   REIN   1915   227   G(W)   m. cargo   Broken up   West Germany   West Germany   REIN   1915   246   G(W)   m. cargo   Broken up   West Germany   West Ger	JAKOB EKKENGA	1951	300 G(W)	m. fishing	Broken up	United Kingdom
JONNI WILHELMINE   1931	JENS-B	1931	113 G(W)	m. cargo	Broken up	West Germany
KÄTE OLTMANN         1943         249         G(W)         m. cargo         Broken up         West Germany           KONDOR         1911         139         G(W)         m. cargo         Broken up         West Germany           KÖNIGSBERG         1936         200         G(W)         m. cargo         Broken up         Netherlands           LENA         1931         211         G(W)         m. cargo         Broken up         Netherlands           MARIA ELISE         1911         148         G(W)         m. cargo         Broken up         West Germany           MINNA CATHARINA         1914         138         G(W)         m. cargo         Broken up         West Germany           MINNA MARIE         1908         105         G(W)         m. cargo         Broken up         West Germany           REGINA         1928         150         G(W)         m. cargo         Broken up         West Germany           REMOYE         1913         227         G(W)         m. cargo         Broken up         Netherlands           SEEMÖVE         1912         140         G(W)         m. cargo         Broken up         Netherlands           SÖNKE         1931         140         G(W)         m	JOHANN HERMANN	1917	212 G(W)	m. cargo	Broken up	West Germany
KONDOR         1911         139         G(W)         m. cargo         Broken up         West Germany           KÖNIGSBERG         1936         200         G(W)         m. cargo         Broken up          Netherlands           LENA         1931         211         G(W)         m. cargo         Broken up          Netherlands           MARIA ELISE         1911         148         G(W)         m. cargo         Broken up          West Germany           MEHE          1928         193         G(W)         m. cargo         Broken up          West Germany           MINNA CATHARINA         1914         138         G(W)         m. cargo         Broken up          West Germany           MINNA MARIE         1908         105         G(W)         m. cargo         Broken up          West Germany           REGINA         1913         227         G(W)         m. cargo         Broken up          West Germany           RHEIN         1910         299         G(W)         m. cargo         Broken up          Netherlands           SÖNKE         1921         140         G(W)         m. cargo <td>JONNI WILHELMINE</td> <td> 1931</td> <td>147 G(W)</td> <td>m. cargo</td> <td>Broken up</td> <td>West Germany</td>	JONNI WILHELMINE	1931	147 G(W)	m. cargo	Broken up	West Germany
KÖNIGSBERG         .1936         200         G(W)         m. cargo         Broken up	KÄTE OLTMANN	1943	249 G(W)	m. cargo	Broken up	West Germany
LENA	KONDOR	1911	139 G(W)	m. cargo	Broken up	West Germany
MARIA ELISE         1911         148         G(W)         m. cargo         Broken up         West Germany           MEHE         1928         193         G(W)         m. cargo         Broken up         West Germany           MINNA CATHARINA         1914         138         G(W)         m. cargo         Broken up         West Germany           MINNA MARIE         1908         105         G(W)         m. cargo         Broken up         West Germany           REGINA         1928         150         G(W)         m. cargo         Broken up         West Germany           RENATE H.         1913         227         G(W)         m. cargo         Broken up         West Germany           RHEIN         1950         299         G(W)         m. cargo         Broken up         Netherlands           SEEMÖVE         1912         140         G(W)         m. cargo         Broken up         Netherlands           SÖNKE         1931         140         G(W)         m. cargo         Broken up         West Germany           TIMBER TO         1929         342         G(W)         m. cargo         Broken up         West Germany           VERTAQUEN         1927         124         G(W)         m	KÖNIGSBERG	1936	200 G(W)	m. cargo	Broken up	Netherlands
MEHE         1928         193         G(W)         m. cargo         Broken up         West Germany           MINNA CATHARINA         1914         138         G(W)         m. cargo         Broken up          West Germany           MINNA MARIE         1908         105         G(W)         m. cargo         Broken up          West Germany           REGINA         1928         150         G(W)         m. cargo         Broken up          West Germany           RENATE H.         1913         227         G(W)         m. cargo         Broken up          West Germany           RHEIN         1950         299         G(W)         m. cargo         Broken up          Netherlands           SEEMÖVE         1912         140         G(W)         m. cargo         Broken up          Netherlands           SÖNKE         1931         140         G(W)         m. cargo         Broken up          West Germany           TIMBER TO         1929         342         G(W)         m. cargo         Broken up          West Germany           VERTRAUEN         1927         124         G(W)         m. cargo         Bro	LENA	1931	211 G(W)	m. cargo	Broken up	Netherlands
MINNA CATHARINA         1914         138         G(W)         m. cargo         Broken up          West Germany           MINNA MARIE         1908         105         G(W)         m. cargo         Broken up          West Germany           REGINA         1928         150         G(W)         m. cargo         Broken up          West Germany           RENATE H.         1913         227         G(W)         m. cargo         Broken up          West Germany           RHEIN         1950         299         G(W)         m. cargo         Broken up          Netherlands           SEEMÖVE         1912         140         G(W)         m. cargo         Broken up          Netherlands           SÖNKE         1931         140         G(W)         m. cargo         Broken up          Netherlands           UWE K         1929         342         G(W)         m. cargo         Broken up          West Germany           VERTRAUEN         1927         124         G(W)         m. cargo         Broken up          West Germany           WOTAN         1939         729	MARIA ELISE	1911	148 G(W)	m. cargo	Broken up	West Germany
MINNA MARIE	<b>MEHE</b>	1928	193 G(W)	m. cargo	Broken up	West Germany
REGINA       1928       150       G(W)       m. cargo       Broken up       West Germany         RENATE H.       1913       227       G(W)       m. cargo       Broken up       West Germany         RHEIN       1950       299       G(W)       m. cargo       Broken up       Netherlands         SEEMÖVE       1912       140       G(W)       m. cargo       Broken up       Netherlands         SÖNKE       1931       140       G(W)       m. cargo       Broken up       West Germany         TIMBER TO       1929       342       G(W)       m. cargo       Broken up       West Germany         VERTRAUEN       1924       196       G(W)       m. cargo       Broken up       West Germany         WILLY MARIE       1898       211       G(W)       irn & steel m. cargo       Broken up       West Germany         WOTAN       1939       729       G(W)       m. salvage tug       Broken up       West Germany         ALEXANDRA       1948       8783       Grc       m. tanker       Broken up       Spain         AUDREY       1945       7258       Grc       s. cargo <td>MINNA CATHARINA</td> <td> 1914</td> <td>138 G(W)</td> <td>m. cargo</td> <td>Broken up</td> <td>West Germany</td>	MINNA CATHARINA	1914	138 G(W)	m. cargo	Broken up	West Germany
RENATE H.        1913       227       G(W)       m. cargo       Broken up        West Germany         RHEIN        1950       299       G(W)       m. cargo       Broken up        Netherlands         SEEMÖVE        1912       140       G(W)       m. cargo       Broken up        Netherlands         SÖNKE        1931       140       G(W)       m. cargo       Broken up        West Germany         TIMBER TO        1924       196       G(W)       m. cargo       Broken up        Netherlands         UWE K        1924       196       G(W)       m. cargo       Broken up        West Germany         VERTRAUEN        1927       124       G(W)       m. cargo       Broken up        West Germany         WILLY MARIE        1898       211       G(W)       m. salvage tug       Broken up        West Germany         WOTAN        1948       8783       Grc       s. cargo       Broken up        Spain         AUDREY	MINNA MARIE	1908	105 G(W)	m. cargo	Broken up	West Germany
RHEIN	REGINA	1928	150 G(W)	m. cargo	Broken up	West Germany
SEEMÖVE	RENATE H	1913	227 G(W)	m. cargo	Broken up	West Germany
SÖNKE         1931       140       G(W)       m. cargo       Broken up        West Germany         TIMBER TO          1929       342       G(W)       m. cargo       Broken up        Netherlands         UWE K          1924       196       G(W)       m. cargo       Broken up        West Germany         VERTRAUEN          1898       211       G(W)       m. cargo       Broken up        West Germany         WILLY MARIE          1898       211       G(W)       m. salvage tug       Broken up        West Germany         WOTAN              West Germany         WOTAN	<b>RHEIN</b>	1950	299 G(W)	m. cargo	Broken up	Netherlands
TIMBER TO	SEEMÖVE	1912	140 G(W)	m. cargo	Broken up	Netherlands
UWE K           1924         196         G(W)         m. cargo         Broken up          West Germany           VERTRAUEN           1927         124         G(W)         m. cargo         Broken up          West Germany           WILLY MARIE           1898         211         G(W)         m. steel m. cargo         Broken up          West Germany           WOTAN           1939         729         G(W)         m. salvage tug         Broken up          West Germany           ALEXANDRA           1948         8783         Grc         m. tanker         Broken up          Spain           AUDREY            1945         7258         Grc         s. cargo         Broken up          Pakistan           ELIAS P.                Spain           FIDELITY	SÖNKE	1931	140 G(W)	m. cargo	Broken up	West Germany
VERTRAUEN	TIMBER TO	1929	342 G(W)	m. cargo	Broken up	Netherlands
WILLY MARIE         1898       211       G(W)       irn & steel m. cargo       Broken up         West Germany         WOTAN        1939       729       G(W)       m. salvage tug       Broken up        West Germany         ALEXANDRA        1948       8783       Grc       m. tanker       Broken up        Spain         AUDREY         1945       7258       Grc       s. cargo       Broken up        Pakistan         ELIAS P.         1947       2287       Grc       s. cargo       Broken up        Spain         FIDELITY         1951       2246       Grc       m. cargo       Broken up        United Kingdom         HADIES        1927       2448       Grc       m. cargo       Broken up        Yugoslavia	UWE K	1924	196 G(W)	m. cargo	Broken up	West Germany
WOTAN          1939         729         G(W)         m. salvage tug         Broken up          West Germany           ALEXANDRA          1948         8783         Grc         m. tanker         Broken up          Spain           AUDREY          1945         7258         Grc         s. cargo         Broken up          Pakistan           ELIAS P.          1947         2287         Grc         s. cargo         Broken up          Spain           FIDELITY          1951         2246         Grc         m. cargo         Broken up          United Kingdom           HADIES          1927         2448         Grc         m. cargo         Broken up         Yugoslavia	VERTRAUEN	1927	124 G(W)	m. cargo	Broken up	West Germany
ALEXANDRA         1948       8783       Grc       m. tanker       Broken up         Spain         AUDREY         1945       7258       Grc       s. cargo       Broken up         Pakistan         ELIAS P.         1947       2287       Grc       s. cargo       Broken up         Spain         FIDELITY         1951       2246       Grc       m. cargo       Broken up         United Kingdom         HADIES         1927       2448       Grc       m. cargo       Broken up         Yugoslavia	WILLY MARIE	1898	211 G(W)		Broken up	West Germany
AUDREY           1945         7258         Gre         s. cargo         Broken up           Pakistan           ELIAS P.           1947         2287         Gre         s. cargo         Broken up           Spain           FIDELITY           1951         2246         Gre         m. cargo         Broken up           United Kingdom           HADIES           1927         2448         Gre         m. cargo         Broken up           Yugoslavia	WOTAN	1939	729 G(W)	m. salvage tug	Broken up	West Germany
ELIAS P.          1947       2287       Grc       s. cargo       Broken up         Spain         FIDELITY          1951       2246       Grc       m. cargo       Broken up         United Kingdom         HADIES          1927       2448       Grc       m. cargo       Broken up         Yugoslavia	ALEXANDRA	1948	8783 Grc	m. tanker	Broken up	Spain
FIDELITY           1951         2246         Grc         m. cargo         Broken up          United Kingdom           HADIES           1927         2448         Grc         m. cargo         Broken up          Yugoslavia	AUDREY	1945	7258 Gre	s. cargo	Broken up	Pakistan
HADIES 1927 2448 Grc m. cargo Broken up Yugoslavia	ELIAS P	1947	2287 Grc	s. cargo	Broken up	Spain
	FIDELITY	1951	2246 Grc	m. cargo	Broken up	United Kingdom
LOUCIA N 1946 4249 Grc s. cargo Broken up People's Republic of China	HADIES	1927	2448 Grc	m. cargo	Broken up	Yugoslavia
	LOUCIA N	1946	4249 Grc	s. cargo	Broken up	People's Republic of China
NENI 1898 324 Grc m. cargo Broken up Greece	NENI	1898	324 Grc	m. cargo	Broken up	Greece

Ship's Name and Year o	f Build	Tons Gross	Flag	Туре	Disposal	Where disposed of
PARIS	1954	2427	Grc	m. cargo	Broken up	Hong Kong
	1945	7678	Grc	s. cargo	Broken up	China (Taiwan)
1 N.T. 1 T. 1 T. 1	1937	1492	Hon	s. cargo	Broken up	Yugoslavia
	1945	3586	Idn	s. cargo	Broken up	Hong Kong
ANIGNTEGA	1918	3148	Itl	s. cargo	Broken up	Italy
	1932	3848	Itl	s. cargo	Broken up	Italy
	1938	1463	Itl	s. cargo	Broken up	Italy
	1904	438	Itl	m. cargo	Broken up	Italy
GOLFO DI NAPOLI	1943	7172	Itl	s. cargo	Broken up	Italy
SESTRIERE	1943	6259	Itl	m. cargo	Broken up	Italy
KOAN MARU	1936	7573	Jpn	s. passenger	Broken up	Japan
DELOS	1929	2935	Lbn	s. cargo	Broken up	Greece
ARU MARINER	1940	3363	Lib	s. cargo	Broken up	Hong Kong
FOO LUNG	1951	1424	Lib	s. cargo	Broken up	Hong Kong
TUNG SING	1949	2420	Lib	gts. cargo	Broken up	China (Taiwan)
HELEN	1930	199	Nth	m. cargo	Broken up	Netherlands
VERTROUWEN	1914	110	Nth	aux. fishing	Broken up	Netherlands
ALEXANDER	1902	212	Nor	m. trawler	Condemned	Norway
ISFLAAMANN	1948	198	Nor	w.m. fishing	Scuttled	Off Norway
KVITNES	1917	169	Nor	m. fishing	Condemned	Norway
SKARBAK	1916	180	Nor	m. fishing	Condemned	Norway
STÅLLAND	1920	189	Nor	m. fishing	Condemned	Norway
CONDOR	1919	2949	Pan	s. cargo	Broken up	Italy
FALCON	1924	1242	Pan	m. tanker	Dismantled	Panama
SUNBEAM	1944	3541	Pan	s. cargo	Broken up	China (Taiwan)
GENERAL WALTER	1943	4668	Pol	m. cargo	Broken up	Hong Kong
ALA-TAU	1943	5293	Rus	s. cargo	Broken up	Yugoslavia
DEZHNEV	1938	3591	Rus	s. cargo	Broken up	Russia
KRAMATORSK	1952	1946	Rus	s. ore carrier	Broken up	Yugoslavia
RZHEV	1944	2713	Rus	s. cargo	Broken up	West Germany
FAUZIA B	1944	3917	Sau	m. cargo	Broken up	People's Republic of China
GEORGE IRVIN	1954	535	SAf	s. trawler	Broken up	South Africa
HILDESHEIM	1951	554	SAf	s. trawler	Broken up	South Africa
CLAUDIO SABADELL .	1941	993	Spn	m. cargo	Broken up	Spain
BIRGER	1919	123	Swd	m. tug	Broken up	Sweden
BOVEC	1945	7724	Ygs	m. passenger and cargo	Broken up	People's Republic of China
			İ			

#### SHIPS CONVERTED FOR NON-SEAGOING SERVICE

Ship's Name and Year of Build			Tons Gross	Flag	Туре	Disposal	Where disposed of		
AL MAJID	•••		•••	1948	1759	Kuw	s. cargo	Converted for use as a non-propelled barge	Kuwait
				!		1	1		

#### ADDITIONAL INFORMATION

- Relau, 223 tons gross motor tanker, built 1938, Com (Sng) flag. Reported broken up at Singapore in November, 1966.
- Mashu Maru, 5796 tons gross steam train ferry, built 1948, Jpn flag. Reported broken up in Japan in February, 1966.
- Janis Rainis, 3897 tons gross steam cargo ship, built 1908, Rus flag. Reported broken up in Russia in 1967.
- Pulkovo, 2237 tons gross motor cargo ship, built 1929, Rus flag. Reported broken up in Russia in 1968.
- ADALID, 151 tons gross wooden motor trawler, built 1945, Spn flag. Reported broken up in Spain in April, 1966.
- Ana Mari Gonzalez, 149 tons gross wooden steam trawler, built 1944, Spn flag. Reported broken up in Spain in 1963.
- ASTUR, 944 tons gross iron steam cargo ship, built 1876, Spn flag. Reported broken up in Spain in September, 1963.
- SÜMER, 1302 tons gross iron steam cargo ship, built 1880, Trk flag. Reported broken up in Turkey in October, 1967.

# LLOYD'S REGISTER OF SHIPPING

# CASUALTY RETURN

STATISTICAL SUMMARY OF MERCHANT SHIPS TOTALLY LOST, BROKEN UP, Etc.

**DURING** 

1970

This Summary is based on the quarterly returns of total losses, etc., but also includes ships not reported as total losses when those returns were compiled (see pages 77 to 90).

NOTE: It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Statistical Summary of Casualties for 1970".

Enquiries should be addressed to The Secretary, Lloyd's Register of Shipping, 71, Fenchurch Street, London, EC3M 4BS.

# LLOYD'S REGISTER CASUALTY RETURNS

(Merchant Ships of 100 tons gross and upwards excluding non-propelled craft)

#### SUMMARY OF TOTAL LOSSES DURING 1970

Summary. The total tonnage lost by the world fleet during 1970, 612,619 tons gross, was 212,359 tons less than during 1969 and is the lowest figure since 1964. However, the number of ships lost (352) is the highest peacetime figure for fifty years. Eighty nine ships were under the Japanese flag.

		1970			1969	
		_	% Tons			% Tons
	No.	Tons Gross	Lost	No.	Tons Gross	Lost
Foundered	140	234,948	(38.35)	108	152,102	$(18 \cdot 44)$
Missing		•••	( )	3	10,637	$(1\cdot 29)$
Burnt	63	87,144	$(14 \cdot 22)$	<i>54</i>	266,498	$(32 \cdot 30)$
Collision	40	48,432	(7.91)	45	139,846	(16.95)
Wrecked	93	239,349	(39·07)	107	231,175	(28·02)
Lost, etc.	16	2,746	(0.45)	10	24,720	`(3·00)
TOTAL	352	612,619	(100.00)	327	824,978	(100 · 00)
Broken Up, etc.	1,030	4,310,604		919	4,545,060	

Foundered. A record number of ships (140) foundered during 1970 and the tonnage increased by 82,846 to a new record figure of 234,948 tons.

The largest ship lost was the Japanese ore carrier "CALIFORNIA MARU" of 34,001 tons gross which was built in 1965.

**Burnt.** Tonnage totally lost through fire during 1970 showed a decrease of 179,354 tons from the previous year's record and and is the lowest figure since 1964. The number of ships lost (63) is the highest ever recorded.

The largest ship lost was the Norwegian passenger ship "Fulvia" of 16,923 tons gross.

Total losses through fire during 1970 included four oil tankers and one liquefied gas carrier; 27 ships were burnt out whilst in port.

Collision. Tonnage lost through collision showed a fall of 91,414 tons from the previous year's record figure, to a total of 48,432 tons, the lowest since 1965. Only five fewer ships were lost than during 1969.

The largest ship lost was the Italian bulk carrier "Castellammare" of 11,190 tons gross.

Wrecked. Tonnage lost through stranding, or striking rocks, sunken wrecks, etc., during 1970 showed an increase of 8,174 tons as compared with 1969, although fewer ships were lost.

The largest ship wrecked was the British oil tanker "Ennerdale" of 29,189 tons gross. Also in this category was the motorship "Vestmar" of 180 tons gross, built in 1890 and the oldest ship lost during the year.

Lost. Under this heading are included total losses which for want of sufficient information, or for other reasons, cannot be classified. The 1970 figure comprises 16 ships of 2,746 tons, all of which were under 500 tons gross.

Distribution. The geographical distribution of the total losses during the year is shown in map form on pages 72 to 75.

- Types. The total number of 352 ships lost during 1970 included 21 oil tankers totalling 176,525 tons gross (29 per cent) and 77 fishing craft. Eighteen ships were known to be in ballast.
- Size. Sixty-four per cent of the ships lost were under 500 tons gross whilst the number of ships lost over 10,000 tons gross increased from 15 in 1969 to 20 in 1970.
- Age. Eleven per cent of all ships lost were less than five years old; 23 per cent were over twenty-five years of age.

Registration. The following principal maritime countries suffered the heaviest losses and are shown with the percentage of their tonnage owned compared with 1969:

Lebanon						1.94	$(2 \cdot 01)$
Indonesi	a					1.56	(2.47)
Panama						1 · 44	(0.89)
Cyprus	•••	•••	•••	• • • •		1 · 22	(0.32)
Finland	•••	• • •	• • • •			0.79	(0.61)
Canada	•••	• • •	• • •		• • •	0.70	(0.04)
Greece	:	• • •	•••	•••	•••	0.64	(1.19)
Yugoslav	/ıa	• • •	•••	• • •	• • •	0.48	(0.03)
Turkey	•••	•••	•••	•••	•••	0.47	$(1 \cdot 17)$
Philippin	es	•••	•••	•••	•••	0.38	(0.75)
Japan	•••	•••	•••	•••	•••	0.31	(0.28)
Portugal	•••	• • • •	•••	• • • •	•••	0.31	(0.23)
Liberia	• • •	•••	•••	•••	•••	0.29	(0.46)
	•	World		•••	•••	0.27	(0.39)

A percentage comparison for a number of years can be obtained from Table 3.

Lebanon heads the list for the ninth time in the last twelve years.

#### BROKEN UP, ETC.

The total tonnage scrapped during 1970 (4,310,604 tons) has been exceeded only by the previous year's record figure. The number of ships involved (1,030) is the highest ever recorded.

Countries sending most tonnage to the breakers were the United States of America (1,939,309 tons), Panama (323,973 tons), Greece (307,835 tons), Great Britain & Northern Ireland (276,552 tons) and Liberia (240,275 tons). Over 18 per cent of the Lebanese fleet was broken up whilst other high proportions were recorded for the United States of America (10.5 per cent), China (Taiwan) (10.2 per cent), Cyprus (9.2 per cent), Brazil (7.5 per cent), Panama (5.7 per cent), Philippines (5.2 per cent) and Turkey (4.0 per cent).

Countries which constituted the main centres of disposal as compared with the previous year were as follows:-

					Tons Gross	Tons Gross
China (Tai	wan)	•••		•	1,104,479	(1,219,794)
U.S.A	· · · · · ·	•••			859,725	(637,652)
Spain					693,945	(621,473)
China, Peo	ple's Rep	. of			302,053	(294,618)
Japan	•••				274,381	(450,674)
Italy	• •••	•••			266,207	(385,863)
Hong Kon	g	•••	• • • •		170,200	(278,076)

Once again the major share of ships broken up were in the 6,000-8,000 tons group and consisted almost entirely of war-built tonnage. In the case of the United States of America, which provided almost 45 per cent of the tonnage broken up, a considerable proportion of these ships had been laid up for a number of years.

Tanker tonnage disposed of amounted to 532,258 tons or 12·3 per cent of the total, and included the largest ships broken up during the year; the "BRITISH REALM" of 18,359 tons gross and the "ARCHONTISSA" of 15,961 tons gross.

The oldest ship broken up during the year was the British motorship "LIZZIE & ANNIE" (117 tons) which was built in 1877.

	N	Mercha	NT FLEETS OF	Ī					HOW	LOST									
FLA	AG THE		D AS RECORDED STICAL TABLES 1970	FOU	NDERED	MI	SSING	B	URNT	COL	NOISLL.	WR	ECKED	Los	T, ETC.	тот	AL LOST		L LOSS
	1	No. of Ships	Total Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	of Ships	of Tonnage
GREAT BRITAIN &	N. IRELAND 3	3,822	25,824,820	4	1,647		• • • •					5	47,246			9	48,893	0.24	0.19
E AUSTRALIA		344	1,074,112				•••	1	294				•••			1	294	0.29	0.03
E CANADA	1	1,266	2,399,949	5	10,836			8	2,174			1	3,335	3	569	17	16,914	1 · 34	0.70
HSILING WOOMWE AMOONWE CYPRUS	: 	207	1,138,229		•••	•••	•••		•••	• • •	•••	5	13,922		•••	5	13,922	2 · 42	1 · 22
H AUSTRALIA CANADA CYPRUS HONG KONG INDIA		116	670,980												***		•••	•••	•••
S INDIA		399	2,401,656	1	5,468											1	5,468	0.25	0.23
OTHER COMMONW	EALTH COUNTRIES 1	1,215	2,766,765	11	4,596		• • • •	3	3,245			4	8,021			18	15,862		
Argentina		327	1,265,510																
BELGIUM		230	1,062,152		•••	• • •	• • •	•••	•••	•••	•••	• • • •	•••	•••	•••		•••	•••	•••
BRAZIL		422	1,721,608	1	2,335	•••	• • •	1	 540	•••	•••	•••	•••	•••	•••	2	2,875	0.47	0.17
CHINA (TAIWAN)		274	1,166,230		•	•••	•••	•		•••	•••	•••	•••	•••	•••	_	-		
Cinia (Taiwan)		2,4	1,100,230		•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••		•••	•••	•••
Denmark	1	1,210	3,314,320	4	847		• • •		•••	1	300	2	797			7	1,944	0.58	0.06
FINLAND		388	1,397,232	1	11,079							•••	• • •			1	11,079	0.26	0.79
France	1	1,420	6,457,900	4	644					1	499	1.,	271	1	246	7	1,660	0.49	0.03
GERMANY (EAST)		423	988,640			•••	•••	•••	•••		• • •	•••	•••	•••			•••		•••
GERMANY (WEST)	2	2,868	7,881,000	4	3,123			1	102	3	2,343	1	328		•••	9	5,896	0.31	0.07
GREECE		1,850	10,951,993	i	12,525		•••	2	10,946	3	15,846	10	30,250			16	69,567	0.86	0.64
Indonesia		489	642,530	3	1,231		•••	1	8,864							4	9,995	0.82	1.56
ISRAEL		108	713,867	•••	·			• • •	•••		•••	1	1,736		•••	1	1,736	0.93	0.24
Italy	1	1,639	7,447,610	6	6,134					1	11,190	2	615			9	17,939	0.55	0.24
JAPAN		3,402	27,003,704	36	44,835			19	3,606		10,271	12	25,071	1	247	89	84,030	1.06	0.31
LEBANON		79	181,790					1	2,736	1	291	1	500	-		3	3,527	3.38	1.94
LIBERIA	1	1,869	33,296,644	5	55,212			3	18,292	1	607	3	22,056			12	96,167	0.64	0.29
Netherlands	1	1,598	5,206,663	4	6,425			1	494	2	700	2	1 (06			10	0.402	0.62	0.10
Norway		2,808	19,346,911	4	12,309	•••	•••	5	22,229	3	798 470	2 4	1,686 886		511	10 16	9,403 36,405	0·63 0·57	0.18
PANAMA		886	5,645,877	7	37,669		•••	4	7,314	•		9	36,579	_		20	81,562	2.26	0.19
PHILIPPINES		313	946,400					1	860			3	2,778			4	3,638	1 · 28	1 · 44 0 · 38
Dozasin		517	1 500 500													1			
POLAND PORTUGAL	'	516 276	1,580,298		105	•••	•••		702		1 200		 561	•••	•••		2 (57	1.00	
Russia (U.S.S.R.)		376 5 024	870,008 14 831 775	1	105 3.725	• • • •	•••	i	782	1	1,209	1	561	•••	•••	4	2,657	1.06	0.31
SPAIN		5,924 2,234	14,831,775	1 7	3,725 2,979		•••		1 972		672	 5	1 053	•••	• • •	1 15	3,725	0.02	0.03
DEAIN	2	2,234	3,440,952	,	4,717	•••	•••	2	1,872	1	672	3	1,953	•••		15	7,476	0.67	0.22
SWEDEN		995	4,920,704	2	575			1	124			•••		1	113	4	912	0.40	0.02
Turkey		324	696,824	3	3,291		• • •		•••	•••	•••		• • • •			3	3,291	0.93	0.47
United States of Amer	i ·	2,983	18,463,207	5	1,345			4	1,821	1	195	2	11,011	1	190	13	14,562	0.44	0.08
Yugoslavia		348	1,515,563		•••				•••		•••	1	7,217			1	7,217	0.29	0.48
Other Countries	3	3,772	8,255,441	20	6,013		•••	4	849	1	3,741	18	22,530	7	870	50	34,003	•••	
WORLD TOTALS	52.	.444	227,489,864	140	234,948			63	87,144	40	48,432	93	239,349	16	2,746		612,619		0.27

Note.—Ships condemned after damage by fire, collision, stranding, etc., are included according to the date of the casualties, under "Burnt," "Collision." "Wrecked," etc.

					<u>-</u>			110	W LOST							
TYPE OF SHIP		FO	UNDERED	M	USSING	2	BURNT	COL	.USION	WR	ECKED	L	OST	тот	AL	BROKEN UP, etc.
,		No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No. 7	ons Gross		Tons Gross		ons Gross	No.	Tons Gress	No. Tons Gross
FANKERS under 1.000 tons		2	431	• •		- /	802	i	170	3	2,304	2	536	9	4243	<u>`</u>
1,0009,999 tons	1	. •	• • •		٠	2	10 121	• •		• •		٠.	•••	2 12	10,121	82 523,376
10.000 -19.929 ton	3	. 7	90,587	• •	• • •	1	10,774	. (	10160	3	51,176	• •		12	162697	
20,000 tons and ov	er .	• •		• •	• • •	• •	• • •	•	* * *	••		~ â	. • •	• •		
DREYBULK CARRIERS	1					•-		٠.	• • •	٠.		٠.	•••			) was not.
under 6,000 tons				٠.		• •		• •	• • •	٠.		••		• •	/ 7	
6,000—9,999 tons 19,000—19,999 ton		1	15977			٠.		1	11,190	3	37570	••	•••	5	64.737	1 \ ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
20,000 tons and over	er	1	34001	-,	•••	• •	• • •	• •	100	• •	<b>'</b>	• •	•••	7	34,001	) See
ORE/BUIK/OIL CARRIER	s ;	٠.				٠.			•••	٠.	•••	٠.		** ;	• • •	Enclosed
ander 20,000 tons	25			• •		- •						. •		• •	٠	table
20,000 tens and ove	er			` •			-	- •								
General Carco under 1,000 tons	<b>!</b>	70	21,152	٠.	1	28	6,652	27	10 679	31	12.589	٠.	***	156	51072	1 1990 . 00
1,000-4,999 tons		13	32,731	٠.	• • •	ĨĬ	26 591	4		22	53650		٠	50	125 138	1 / 500
5,000 6,999 tons		1	5463	٠.	• • •	• • • • • • • • • • • • • • • • • • • •			12,166	-î	6935	٠.	٠	2	12 403	
7,0909,999 tons	-	- 1	7607		. , -	- 1	9 412	• •	• • •	ġ	60,992			10	78 011	1 to, gr
10,00012,999 ton				٠.	,	• •		••	• • •	• -		٠.				135 336
13,000 (ons and ove	er			• •		• •	• • •		` * <b>*</b>	• •	• • •	• • •	• • •			√ <b>5</b> 3,36
CONTAINER SHIPS under 2,000			• • •	٠.		• •		. •		• •	,		•••			
2,000 tons and over	•	• •	• • •	. •	***	. •	• • •	· •	• • •	. ,		• •			• • •	•••
'assenger & Cargo		2	622	٠.		.1	16923	٠.		3	9 401		***	6	26946	20 135, 115
JQUEFIED GAS CARRIER	s	٠.			.,,	1	860		• • •	٠.		• •	٠.,	1	860	
HEMICAL TANKERS				. ,	• • •	۲.	• • •	1	750		• • •	٠.		1	750	2 11.235
	! .															
Esting (all types) Under 500 tons 500-999 tons 1,000-1,009 tons 2,000 tons and over			26.25			17	5 <sub>.</sub> 009	5	3 317	19	4 73 <i>2</i>	lst.	226	97	41,640	
'UGS & SALVAGE	- /	42	<b>2</b> 6,372	• •	•••	17	0,001	•	<b>-</b> 10.7	• •	,		~ <b>, ~</b> .•	- •	,	
Energy																
ORLDGER\$	.															
THER TYPES	J													•		
OTAL	-	140	234.943	, ,,		63	87,144	40	48,432	43	23934	9 1,	2.746	352	612 619	1,030 4,310,604

2.A	SIZE &	NUMBERS	$\mathbf{OF}$	SHIPS	TOTALLY	LOST	DITRING	1970
ZA	~71 <i>Z</i> _1_	I A A DIATED EN LA PARTICION DE LA CONTRACTOR DE LA CONTR	VJI.		IVIALISI		DUMIU	17/0

Divisions of Tons Gross													
100 -499	500 -999	1,000 -1,999	2,000 -3,999	4,000 -5,999	6,000 -7,999	8,000 -9,999	10,000 -14,999	15,000 -19,999	20,000 <b>-</b> 29,999	30,000 & above	TOTAL		
99	14	4	10	2	1	•••	7	2	•••	1	140		
40 27	6	 8	3	2	•••	2	 1	ï	•••	•••	63 40		
43	11	12	9	2		ï	4	ï	ï	•••	93 16		
											352		
	99  40 27 43 16	99 14  40 6 27 5 43 11 16	-499     -999     -1,999       99     14     4            40     6     8       27     5     2       43     11     12	-499     -999     -1,999     -3,999       99     14     4     10            40     6     8     3       27     5     2     4       43     11     12     9       16	100     500     1,000     2,000     4,000       -499     -999     -1,999     -3,999     -5,999       99     14     4     10     2             40     6     8     3     2       27     5     2     4        43     11     12     9     2       16	100     500     1,000     2,000     4,000     6,000       -499     -999     -1,999     -3,999     -5,999     -7,999       99     14     4     10     2     1              40     6     8     3     2        27     5     2     4         43     11     12     9     2     9       16	100     500     1,000     2,000     4,000     6,000     8,000       -499     -999     -1,999     -3,999     -5,999     -7,999     -9,999       99     14     4     10     2     1                40     6     8     3     2      2       27     5     2     4           43     11     12     9     2     9     1       16	100         500         1,000         2,000         4,000         6,000         8,000         10,000           -499         -999         -1,999         -3,999         -5,999         -7,999         -9,999         -14,999           99         14         4         10         2         1          7                     40         6         8         3         2          2         1           27         5         2         4            2           43         11         12         9         2         9         1         4           16	100     500     1,000     2,000     4,000     6,000     8,000     10,000     15,000       -499     -999     -1,999     -3,999     -5,999     -7,999     -9,999     -14,999     -19,999       99     14     4     10     2     1      7     2                 40     6     8     3     2      2     1     1     1       27     5     2     4        2       2        43     11     12     9     2     9     1     4     1       16	100       500       1,000       2,000       4,000       6,000       8,000       10,000       15,000       20,000         -499       -999       -1,999       -3,999       -5,999       -7,999       -9,999       -14,999       -19,999       -29,999         99       14       4       10       2       1        7       2  <	100       500       1,000       2,000       4,000       6,000       8,000       10,000       15,000       20,000       30,000         -499       -999       -1,999       -3,999       -5,999       -7,999       -9,999       -14,999       -19,999       -29,999       & above         99       14       4       10       2       1        7       2        1 <td< td=""></td<>		

## SIZE & NUMBERS OF SHIPS BROKEN UP, ETC., DURING 1970

Broken up, etc. 285 65 67 106 77 317 68 43 2 ... 1,030

## 2B—AGE & NUMBERS OF SHIPS TOTALLY LOST DURING 1970

			Divisions	of Age				
How Lost	Under 5 YEARS	5–9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30 years & over	TOTAL
FOUNDERED MISSING	21	33	21	19	14	17	15	140
BURNT COLLISION	 2 6	12 10	13 10	 9 7	ii 5	 8 1	 7 1	63 40
WRECKED LOST, ETC.	7 3	16 4	13 1	13 1	1 <u>1</u>	20 1	1 i 1	93 16
TOTAL LOST*	39	75	58	49	42	47	35	352

\*Excluding seven cases for which the year of build is not known.

# AGE & NUMBERS OF SHIPS BROKEN UP, ETC., DURING 1970

Broken up, etc.\* ... 10 45 81 144 453 288 1,030

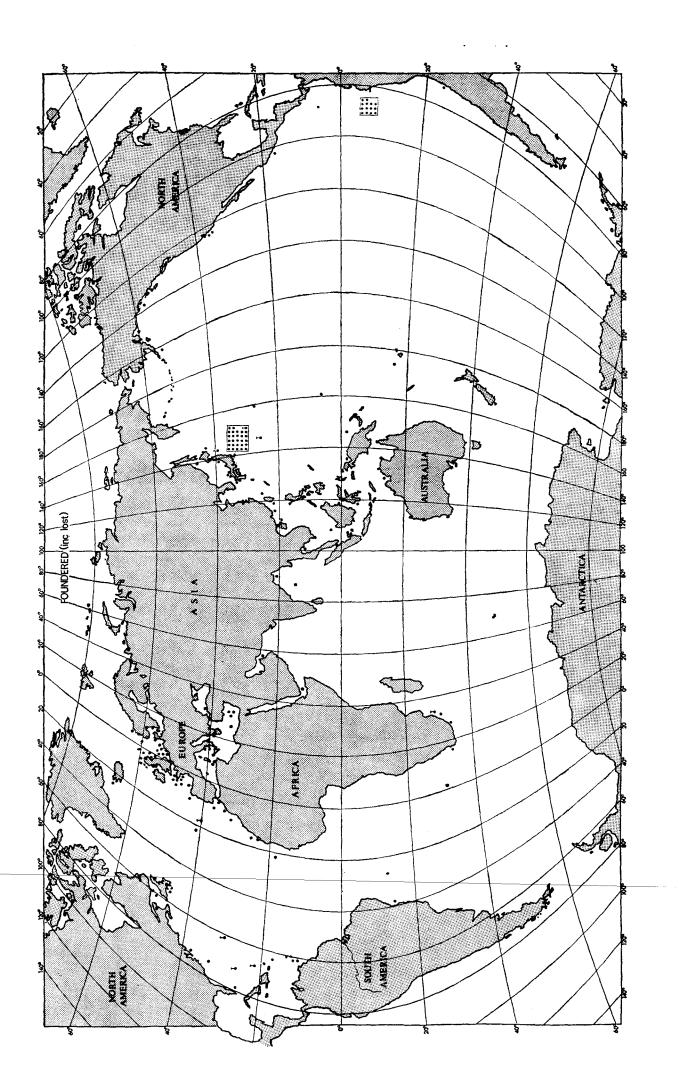
3-MERCHANT SHIPS TOTALLY LOST THROUGH CASUALTY SINCE 1963, SHOWING ALSO THE PERCENTAGE LOST OF THE TONNAGE REGISTERED IN THE PRINCIPAL MARITIME COUNTRIES

<del></del>	<del> </del>																							
FI 4 C		1963			1964			1965			1966			1967			1968			1969			1970	
FLAG		Tons	Per		Tons	Per		Tons	Per		Tons	Per		Tons	Per		Tons	Per		Tons	Per		Tons	Per
	No.	Gross	Cent	No.	Gross	Cent	No.	Gross	Cent	No.	Gross	Cent	No.	Gross	Cent	No.	Gross	Cent	No.	Gross	Cent	No.	Gross	Cent
GREAT BRITAIN & N. IRELAND	16	32,175	0.15	20	41,666	0 · 19	16	29,222	0.14	13	45,044	0.21	13	18,104	0.08	12	14,432	0.07	8	14,111	0.06	9	48,893	0.19
Australia	t	3,125	0.56	1	105	0.02	1	244	0.03	***	•••		•••	•••	•••	2	662	0.08	2	1,611	0.18	. 1	294	0.03
CANADA	13	4,978	0.28	17	27,423	1 · 50	11	1,784	0.10	16	5,184	0.24	17	8,071	0.35	17	8,260	0.34	6	1,077	0.04	. 17	16,914	0.70
Cyprus		•••	•••	•••	•••	•••	•••	•••	•••	5	28,728	15.80	6	34,489	9.56	2	1,165	0.18	1	2,427	0 · 32	5	13,922	1 · 22
Hong Kong				4	22,858	2.79				2	14.616	1 · 54	3	18.355	2.31	2	5,680	0.74	3	14,635	2.07			
India	1	7,274	0.60	•••	,		2	4,966	0.33	1	5,237	0.29	2	4,203	0.22	3	18,679	0.96				1	5,468	0.23
OTHER COMMONWEALTH COUNTRIES	10	15,680		11	11,493	•••	10	8,155		7	4,043		15	27,495	•••	9	15,149		7	5,242		18	15,862	•••
				_			_									_	40.046							
ARGENTINA	1	2,330	0.18	3	12,550	0.98	2	2,899	0.22	3	15,517	1 · 21	ł	6,478	0.52	6	43,345	3 · 62	1	136 658	0.01	•••	•••	•••
BELGIUM	7	10.764	0.88	4	6,916	0 · 54		2,738	0.22	3	9,388	0.73	7	12,058	0·92		11.927	0.92	4	10.459	0.06		0.075	
BRAZIL	2	11,450	2.20	2	2,758	0.47	3	17,597	2.76	3	11,761	1.53	4	1,681	0.22	4	3,323	0.44	4	14,887	0·76 1·55	2	2,875	0.17
CHINA (TAIWAN)	2	11,430	2.20	2	2,136	0.47	3	17,397	2.10	3	11,701	1.33	7	1,001	0.22	•	3,323	0.44	4	14,007	, 1 . 33	•••	•••	•••
DENMARK	2	4,712	0.19	4	4,080	0.17	4	5,757	0.22	7	7,622	0.27	9	2,085	0.07	4	2,870	0.09	3	658	0.02	7	1,944	0.06
FINLAND	4	6,021	0.65	1	623	0.06	1	113	0.01	3	1,590	0.15	1	2,664	0.25	2	473	0.04	4	8,133	0.61	1	11,079	0.79
FRANCE	17	23,292	0.45	4	2,543	0.05	9	16,042	0.31	7	13,781	0.26	10	13,166	0.24	5	1,413	0.02	7	860	0.01	7	1,660	0.03
GERMANY (EAST)		•••	•••	1	1,838	0.37	2	12,138	2.05		•••	•••	2	9,800	1.30	•••	•••	•••	•••	•••	•••	•••		•••
GERMANY (WEST)	11	5,727	0.11	12	4,803	0.09	11	12,388	0.23	17	63,430	1.10	17	20,467	0.34	9	4,399	0.07	9	10.699	0 · 15	9	5.896	0.07
GREECE	22	89,273	1.26	18	63,312	0.92	26	111,227	1.56	37	151,439	2.11	41	113,584	1.53	45	145,498	1.96	30	101,799	1 · 19	16	69,567	0.64
Indonesia				3	1,081	0.23									• • • •	1	922	0.13	3	14,789	2.47	4	9,995	1.56
Israel		•••						•••				•••	1	1,338	0.19				•••	•••		1	1,736	0.24
																							,	
ITALY	7	13,418	0.24	4	9,783	0.17	12	31,701	0.56	11	14,464	0.25	15	59,063	0.95	13	30,964	0.47	6	4,280	0.06	9	17,939	0.24
JAPAN	23	14,207	0.14	26	13,125	0.12	36	47,331	0.40	27	26,490	0.18	39	12,350	0.07	48	25,656	0.13	70	67,394	0.28	89	84,030	0.31
LEBANON	8	29,518	3 · 25	4	20,258	2·37 0·70	4 21	23,519	3·01 0·78	6 19	27,053	3·63 0·77	9 25	44,917	7·51 0·94	4	18,259	4.11	3	5,928	2.01	3	3,527	1.94
Liberia	4	20,393	0.18	15	101,347	0.70	21	136,498	0.78	19	158,442	0.77	23	213,429	0.94	18	167,118	0.65	16	135,849	0.46	12	96,167	0.29
NETHERLANDS	11	3,472	0.07	7	11,187	0.22	8	8,649	0.18	10	3,148	0.06	9	21,025	0.41	8	10,958	0.21	13	109,089	2.08	10	9,403	0.18
Norway	18	24,613	0.18	16	36,673	0.25	22	117,317	0.75	27	72,520	0.44	14	9,072	0.05	12	32,992	0.17	17	70,295	0.36	16	36,405	0.19
Panama	13	39,471	1.01	17	56,709	1 · 33	13	43,687	0.98	23	67,044	1 · 48	20	76,310	1.60	20	57,578	1 · 13	21	47,733	0.89	20	81,562	1 - 44
PHILIPPINES	1	240	0.06	2	874	0 · 19	2	5,891	1 · 18	2	1,771	0.29	8	17,836	2.48	4	18,333	2.15	4	7,015	0.75	4	3,638	0.38
POLAND	2	12.819	1 · 39	2	1,159	0 · 12	3	2,047	0.20							1	1,740	0.13						
Portugal	- 5	4,994	0.74	3	5,326	0.76	9	9,679	1 · 39		4,109	0·55		 761	0-10	3	2,023	0.26	3	1,897	0.23	4	2,657	0.31
Russia (U.S.S.R.)	-	4,224		1	5,628	0.08	í	1,211	0.01	3	5,364	0.06	2	2,699	0.03	2	9,870	0.08	4	3.620	0.03	1	3,725	0.03
SPAIN	16	20,225	1.01	13	17,208	0.84	7	1.052	0.05	19	10,749	0.48	8	4,514	0.18	11	13,953	0.49	15	4,713	0.15	15	7,476	0.03
DE ALIX		20,223			17,200	0.0.	•	1,002			-0,	• .0	Ū	.,	•		,			.,,,	0 10		7,470	0.22
SWEDEN	8	3,962	0.09	9	10,948	0.25	6	1,294	0.03	2	858	0.02	5	2,867	0.06	5	3,416	0.07	7	54,852	1 · 10	4	912	0.02
Turkey	1	2,335	0.32	1	2,422	0.36	1	9,351	1 · 39	2	1,389	0.22	• • • •	•••	•••	2	7,047	1 · 09	· 2	7,636	1 · 17	3	3,291	0.47
UNITED STATES OF AMERICA	9	28,680	0.12	13	41,858	0.19	7	39,344	0.18	13	31,416	0.15	13	39,779	0.20	17	45,742	0.23	21	46,428	0.24	13	14,562	0.08
YUGOSLAVIA	3	14,583	1 · 51	•••	•••	•••	3	1,677	0 · 17	•••	•••	•••	1	7,232	0.60	1	629	0.05	2	424	0.03	1	7,217	0•48
OTHER COUNTRIES	18	47,074		11	19,646		18	33,529		19	20,341	•••	18	26,911		29	35,972	•••	27	55,644	•••	50	34,003	
WORLD TOTALS	254	496,805	0.34	249	558,200	0.36	273	739,047	0.46	312	822,538	0 · 48	337	832,803	0.46	326	760,447	0.39	327	824,978	0.39	352	612,619	0 · 27
		•			-			-			-						-			•			,	

N.B.—Cases of breaking up, condemnation, &c., not known to be consequent on stress of weather, &c., are excluded from the Table.

4—MERCHANT SHIPS CONDEMNED, BROKEN UP, ETC. (NOT CONSEQUENT UPON CASUALTY) SINCE 1963, SHOWING ALSO THE PERCENTAGE BROKEN UP OF THE TONNAGE REGISTERED IN THE PRINCIPAL MARITIME COUNTRIES

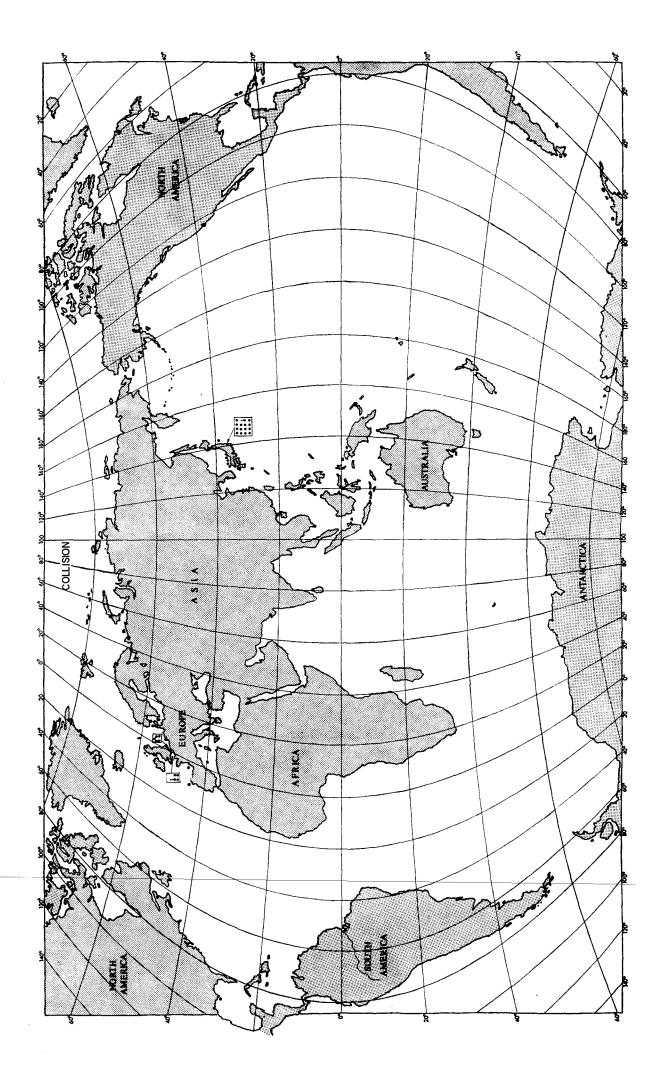
											······													
FLAG		1963			1964			1965			1966			1967			1968			1969	_		1970	
	No.	Tons Gross	Per Cent	No	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	
reat Britain & N. Ireland	168	602,859	2.80	156	362,549	1.69	116	210,784	0.98	109	377,027	1.75	113	380,046	1.75	137	382,721	1 · 75	78	317,223	1 · 33	83	276,552	
USTRALIA	8	22,171	3.98	5	1,754	0.30	6	2,268	0.31	6	2,784	0.37	2	912	0.11	6	9,782	1 · 20	2	477	0.05	5	5,680	
ANADA	24	44,286	2 · 47	22	39,279	2.15	19	30,562	1.67	27	58,838	2.77	23	58,622	2.54	36	102.504	4 · 27	22	95,425	3.89	17	47,449	
YPRUS	•••	•••	•••	•••	•••	•••	•••	•••		2	11,986	6 · 59	5	37,130	10.30	15	113,583	17.41	23	149,533	19-41	15	104,660	9.
ong Kong	10	52,705	6.77	2	4,802	0.59	3	13,615	1.63	10	64,371	6.80	12	76,939	9 · 67	4	21,273	2.78	9	47,605	6.73	3	25,706	
IDIA	10	45,266	3 · 74	10	41,734	2.88	19	69,907	4 59	8	37,014	2.06	9	33,768	1 · 79	7	19,697	1.01	8	19,662	0.88	. 4	24,528	1.
THER COMMONWEALTH COUNTRIES	14	28,660	•••	6	18,371	•••	20	17,766		17	57,581	•••	12	42,178	•••	14	64,818	•••	15	49,900	•••	. 8	31,247	••
RGENTINA	1	7,137	0.55	5	24,784	1 93	2	10,125	0.79	13	51.930	4 · 06	6	31,339	2 · 53	4	26,323	2.20	4	24,268	1.99	5	14,868	1.
ELGIUM			~	3	4,310	0.54				. 1	392	0.04				3	17,461	1 · 87		•••		3	4,057	0.
RAZIL	4	18,242	1 · 49	9	25,919	2.04	9	26,176	2.09	10	39,375	3.08	2	14,143	1 · 08	2	4,120	0.32	7	33,984	2.46	24	128,806	7.
HINA (TAIWAN)	8	40,673	7.82	4	25,178	4 · 28	4	6,954	1.09	6	26,510	3 · 44	11	73,007	9 · 42	17	102,568	13 · 45	18	94,970	9.87	20	119,218	10-2
DENMARK	7	17.273	0.71	4	4,887	0.20	6	13,760	0.54	1	109	0.00	5	12,385	0.41	. 8	7,930	0.25	5	5,076	0.15	4	3,283	0.
INLAND	13	34,389	3.71	15	50,606	5 · 25	10	18,189	1.80	6	13,049	1 · 27	8	10,032	0.94	8	20,540	1.82	7	31,068	2.34	4	8,488	0.0
RANCE	15	74,548	1 · 43	12	62,244	1 · 22	7	36,209	0.70	6	19,370	0.37	4	15,845	0.28	12	32,416	0.56	16	44,183	0.74	13	8,768	0.
ermany (East)							•••	•••	•••	• • • •			•••	•••	•••	•••		•••	1	8,510	0.95	1	588	0.0
ERMANY (WEST)	44	100,266	1.99	52	52,944	1.03	42	32,913	0.62	42	62,038	1.08	5	7,575	0.13	22	21,096	0.32	45	26,012	0.37	94	47,468	0.
REECE	13	74,682	1.05	13	88,327	1 · 28	13	97,287	1 · 36	18	136,962	1.91	75	514,747	6.93	72	386,624	5.21	69	436,347	5 · 09	58	307,835	2.
NDONESIA	2	352	0.08	***		•••					•••					1	4,476	0.63	1	2,874	0.48	2	4,956	0.
SRAEL	2	11,162	2.62	•••	• • • • • • • • • • • • • • • • • • • •	•••		•••		•••		•••	•••				•••		•••	•••	•••		•••	•
TALY	35	204,835	3 · 65	17	66,525	1 · 17	32	189,757	3 · 33	30	144,628	2 · 47	15	98,003	1 · 58	34	128,655	1.94	28	139,165	1.98	17	76,222	1.0
APAN	100	293,302	2 94	68	197,775	1 · 83	92	150,619	1 26	16	19,990	0.14	80	58,922	0.35	63	40,523	0.21	75	112,947	0.47	117	113,882	0.4
EBANON	11.	65,423	7 · 21	6	18,091	2.12	7	35,752	4.57	6	22,902	3.07	22	131,636	22.00	23	129,774	29 · 24	16	94,782	32 · 13	8	33,249	18 - 2
IBERIA	23	189,461	1.66	19	137,767	0.95	.22	166,674	0.95	24	176,057	0.85	74	536,647	2 · 37	80	570,600	2.22	92	734,793	2.52	34	240,275	0.
JETHERLANDS	22	76,568	1 · 46	22	17.398	0.34	38	39,141	0.80	19	33,769	0.68	10	34,970	0.68	13	72,346	1 · 37	13	15,987	0.30	20	26,557	0.:
IORWAY	35	138,472	1.01	52	90,581	0.63	44	114,541	0.73	28	23,925	0.15	21	64,922	0.35	10	55,181	0.28	21	70,921	0.36	37	30,850	0.
ANAMA	25	120,055	3.08	25	92,982	2.18	25	121,310	2.72	21	134,125	2.95	69	419,387	8 · 82	76	389,155	7.64	86	487,328	9.07	66	323,973	5 ·
HILIPPINES	•••	•••		1	6,157	1.36	1	1,243	0.25				•••			4	19,079	2.23	9	48,680	5.24	11	49,127	5.
OLAND	2	7,345	0.79	6	22,088	2 · 23	4	6,543	0.63	5	16,547	1 · 49	2	9,192	0.76	6	27,152	2.02	10	65,437	4 · 26	4	21,647	1 - 3
ORTUGAL					22,000		•••	0,545	0 05	1	926	0.12	1	2,363	0.31	3	11,949	1.55	2	10,459	1 · 27	1	2,460	0.3
LUSSIA (U.S.S.R.)		•••	•••	•••			2	7,531	0.09	8	37,769	0.40	6	19,351	0.18	5	12,810	0.11	14	52,906	0.39	21	68,848	0.4
PAIN	18	48,962	2 · 44	25	77,162	3.77	26	42,309	1.98	45	64,206	2.86	24	59,393	2 · 31	14	32,653	1 · 16	17	42,250	1 · 32	13	28,757	0.
WEDEN	10	52,301	1 · 25	13	12,848	0.30	11	11.758	0.27	7	12.051	0.27	2	1.903	0.04	9	15,016	0.31	4	17,038	0.34	4	12,775	0.2
URKEY	8	30,320	4.19	6	26,205	3.85	5	25,459	3.79	5	25,400	3.97	7	29,109	4.76	ģ	32,764	5.05	9	40,538	6 · 22	4	27,954	4.(
JNITED STATES OF AMERICA	127	807,712	3.49	131	856,437	3.82	133	920,651	4.27	121	806,517	3.88	135	939,194	4.62	105	712,791	3 · 62	145	1,034,984	5.29	267	1,939,309	10 - 3
'UGOSLAVIA	9	17,128	1.77	7	15,801	1.63	12	8,422	0.85	11	31,281	2.90	11	66,837	5 · 59	4	17,332	1 - 37	7	32,127	2.25	9	42,033	2
THER COUNTRIES	26	65,936		24	35,199		32	94,313		22	69,028		27	84,896		40	141,340		41	157,601		34	108,529	
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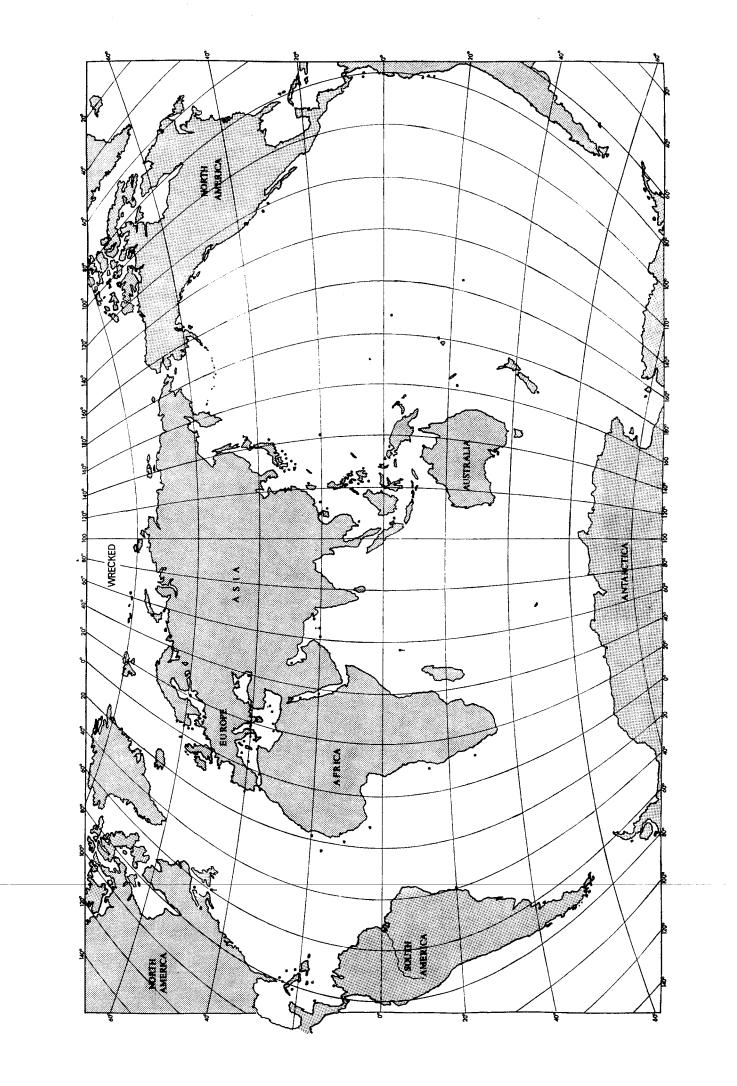
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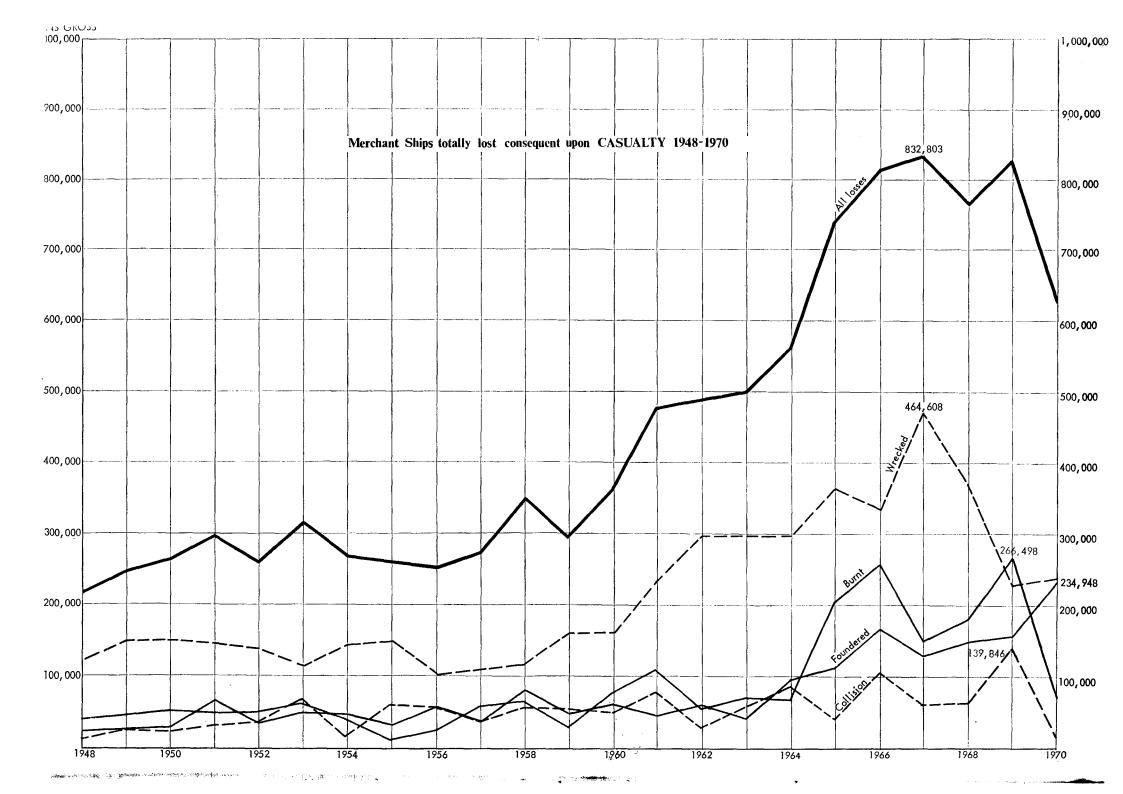
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# SUPPLEMENT TO QUARTERLY RETURNS

# STEAMSHIPS AND MOTORSHIPS

(excluding ships of less than 100 tons gross)

## DETAILS OF CASUALTIES NOT PREVIOUSLY INCLUDED

#### EXPLANATIONS OF CONTRACTIONS

#### **FLAG**

Alb = Albania Alg = Algeria Amr = U.S. of America Arg = Argentina	Den = Denmark Dom = Dominica Ecu = Ecuador Egy = Egypt (U.A.R.)	Itl = Italy IvC = Ivory Coast Jam = Jamaica Jpn = Japan	Ptg = Portugal Qat = Qatar Rou = Roumania Rus = Russia (U.S.S.R.)
Ast = Australia Aus = Austria BH = British Honduras Bah = Bahamas	Eth = Ethiopia  Far = Faroe Islands  Fij = Fiji  Fin = Finland  Fra = France	Ken = Kenya K(S) = Korea (South) Kuw = Kuwait Lbn = Lebanon	SAf = South Africa Sau = Saudi Arabia Sen = Senegal S.Is = Solomon Islands
Bds = Barbados Ber = Bermuda Blg = Belgium Brd = Burundi	GBI = Great Britain and Northern Ireland G(E) = Germany (East) G(W) = Germany (West)	Lby = Libya Lib = Liberia Mad = Madagascar Mal = Malaysia	Sng = Singapore Som = Somali Republic Spn = Spain St.V = St. Vincent
Brz = Brazil Bul = Bulgaria Bur = Burma Cam = Cambodia	Gab = Gaboon  Gam = Gambia  Gha = Ghana  Gib = Gibraltar  Grc = Greece	Mau = Mauritania Mdv = Maldive Islands Mex = Mexico Mon = Monaco	Sud = Sudan Swd = Sweden Swz = Switzerland Syr = Syria
Can = Canada Cay = Cayman Islands Cba = Cuba Cey = Ceylon	Gua = Guatemala Gui = Guinea Guy = Guyana HKg = Hong Kong	Mor = Morocco Mta = Malta NG = New Guinea NH = New Hebrides	Tan = Tanzania Tha = Thailand Ton = Tonga Tri = Trinidad
Cgo = Congo (Kinshasa) Chl = Chile ChR = China, People's Rep. of ChT = China (Taiwan)	Hai = Haiti Hgy = Hungary Hon = Honduras Icl = Iceland	NZ = New Zealand Nic = Nicaragua Nig = Nigeria Nor = Norway	Trk = Turkey TrS = Trucial States Tun = Tunisia Urg = Uruguay
Cmb = Colombia Com = British Commonwealth CR = Costa Rica Cyp = Cyprus	Ida = India Idn = Indonesia IR = Irish Republic Irn = Iran	Nth = Netherlands Pak = Pakistan Pan = Panama Par = Paraguay	Ven = Venezuela VI = Virgin Islands V(N) = Vietnam (North) V(S) = Vietnam (South)
Cze = Czechoslovakia Dca = Dominican Republic	Irq = Iraq Isr = Israel	Per = Peru Phi = Philippines Pol = Poland	Yem = Yemen YmS = Yemen (South) Ygs = Yugoslavia

#### DESCRIPTION

aux. - Auxiliary f - Ferro-concrete irn - Iron rp - Reinforced plastic (T) - Oil Tanker c - Composite gts - Gas turbine ship m. - Motorship s. - Steamship w - Wood

N.B.—Unless otherwise stated, all steamships and motorships were of steel construction

#### **Foundered**

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
BOWPRIDE 1960	780	GBI	m. dredger	•••	•••	Capsized and sank in lat. 53 35 40N., long. 0 0 23W., subsequently raised and broken up.	11th Jan.
W. L. EUNICIA II 1958	101	Com (Dom)	w.aux.m. cargo	Port of Spain— Roseau	General	Sprang leak and sank off Gaspar Grandee Island, approximate- ly 30 miles N. of Trinidad, in heavy weather.	19th July
GIANG SENG 1941	<b>5</b> 33	Com (Sng)	m. cargo	Singapore— Penang	General	Capsized and sank in lat. 3 7N., long. 100 52E., in heavy weather.	29th June
TROPICANA 1968	137	Amr	m. fishing		•••	Sprang leak and sank 30 miles N. of Cape San Lucas, California.	14th Mar.
RAPOSO TAVARES 1948	2335	Brz	s. cargo	Macau—Santos	Salt	Sprang leak and sank in lat. 12 5S., long. 36 47W.	3rd Aug.
CHILOE I 1938	248	Chl	m. cargo	Antofagasta— Valparaiso		In lat. 26 31S., long. 70 52W.	16th Feb.
LUMINO 1950	279	Den	m. trawler			In lat. 54 45N., long. 1 15E.	30th Aug.

# Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
ALTAIR 1944	260	Fra	m. passenger and cargo	Sarmette—Vila	Copra	In lat. 16 44 5S., long. 167 58 2E., 13 miles S.S.E. of Maskelyne Island, after developing list.	31st July
HERTA M 1944	297	G(W)	m. cargo	LimfjordWesel	Clay	Capsized and sank in lat. 52 28 27N., long. 4 26 5E.	16th Sept.
KUMALASAKTI 1936	149	Idn	m. cargo	Djakarta— Pontianak	General	In lat. 5 13 12S., long. 106 4 36E., after developing list.	12th Oct.
PAGATE 1954	560	Idn	m. cargo	Macassar— Ambon	General	In Tanakeke Strait, Macassar Channel.	15th June
NASTARAN 1944	652	Irn	m. cargo	Ras al Khaima— Dubai	Stone	In lat. 25 27 51N., long. 55 21 10E., in heavy weather.	23rd Mar.
CHIYODA MARU 1965	311	Jpn	m. tanker		•••	E. of Cape Hinomisaki, Waka-yama.	17th Apr.
DAIKOKU MARU No. 5 1957	199	Jpn	m. cargo			N. of Oisose, Yamaguchi.	31st Aug.
EIJO MARU 1958	265	Jpn	m. cargo		•••	2½ miles S.S.E. of Motonohama, Oita.	19th July
EIKO MARU 1956	109	Jpn	m. cargo		•••	Half a mile off Aoshima, Miyazaki.	22nd Feb.
GENSHIN MARU 1966 No. 22	105	Jpn	m. cargo			In lat. 32 10N., long. 128 21E.	22nd Oct.
GION MARU No. 13 1960	171	Jpn	m. cargo			Off Tsurumi-machi, Oita.	5th Apr.
GOYO MARU No. 1 1956	350	Jpn	m. cargo		•••	Between Tagonoura, Shizuoka, and Tokyo.	30th Jan.
HOEI MARU No. 2 1966	491	Jpn	m. cargo			3 miles off Kashima, Ibaraki.	18th Apr.
KAKUEI MARU No. 5 1959	289	Jpn	m. cargo			In lat. 31 7N., long. 130 38E.	18th Mar.
KOHAN MARU No. 8 1967	199	Jpn	m. cargo		•••	3 miles W. of Erozaki lighthouse, Hyogo.	8th May
KONGO MARU 1968	498	Jpn	m. cargo			Off Kushimoto-machi, Waka-yama.	12th Dec.
KUNIMIYAMA MARU 1954	137	Jpn	m. cargo	··· ··· ···		In Tokyo Bay.	25th Dec.
<b>KYOKUYO MARU</b> 1959 No. 11	232	Jpn	m. cargo		•••	1½ miles E. of Oshima Island, Tokushima.	3rd Mar.
KYOSHIN MARU 1969	199	Jpn	m. cargo			Off Cape Irozaki, Shizuoka.	6th Dec.
MIDORIKAWA MARU 1947 No. 8	195	Jpn	m. cargo		•••	10 miles E. of Kijima Island, Goto Islands.	10th Apr.
MIZUSHIMA MARU 1967 No. 3	186	Jpn	m. cargo		•••	Capsized and sank off Sekimae lighthouse, Oita.	8th Feb.
MYOSYO MARU 1954	120	Jpn	m. cargo		•••	S. of Shimakojima Island, Mie.	13th Feb.
NAKAYOSHI MARU 1957	126	Jpn	m. cargo		•••	9 miles W. of Miyazaki Promontary, Wakayama.	19th Dec.
SEKIUN MARU 1965	682	Jpn	m. cargo		•••	4 miles off Kozakaya lighthouse, Izu Oshima Island.	7th July
SHIKISHIMA MARU 1965	324	Jpn	m. cargo		•••	At Chiba.	8th Oct.
SHIKO MARU No. 3 1960	444	Jpn	m. cargo	••• ••• ••• ••• • • • • • • • • • • • •	•••	S.W. of Cape Omaezaki, Shizuoka.	6th Aug.
SHINEI MARU 1946	137	Jpn	m. cargo			1 mile E. of Satamisaki light- house, Kagoshima.	10th Jan.
SHINYO MARU 1954	124	Jpn	m. cargo		•••	Off Kaminoseki-machi, Yama-guchi.	21st Aug.
SHUNZAN MARU 1944 No. 1	167	Jpn	m. cargo		•••	Off Tsurumi-machi, Oita.	4th July

## Foundered-continued

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
TAIHEI MARU 1966	116	Jpn	m. cargo			5 miles off Daiozaki lighthouse, Mie.	18th June
TAKACHIHO MARU 1956 No. 5	589	Jpn	m. cargo	· · · · · · · · · · · · · · · · · · ·	•••	6 miles E.S.E. of Cape Kamana- zaki, Shizuoka.	20th Mar.
TENJIN MARU No. 11 1963	199	Jpn	m. cargo		•••	1½ miles W. of Ezaki light- house.	31st Jan.
YOKA MARU No. 18 1963	181	Jpn	m. cargo	··· ··· ···	•••	Off Numashima lighthouse.	7th Oct.
<b>ALMIRANTE</b> 1946	197	Mex	m. tug			Capsized and sank while assisting cargo ship at Acapulco.	4th May
JOMA 1929	189	Nor	m. cargo	Kragero—Halden	Paving stone	Presumed to have sunk off Jom- fruland after developing heavy list.	20th June
BABSIE 1963	100	SAf	w.m. fishing		•••	Sprang leak and sank in approximately lat. 32 35S., long. 17 40E.	9th July
FREIRE RODRIGUEZ 1950	189	Spn	w.s. trawler	<b></b>	•••	Sprang leak and sank approximately 35 miles N.N.W. of Cabo Guir, in lat. 30 53N., long. 10 5W.	25th Mar.
MONTE-DEL-CASTRO 1950	187	Spn	w.s. trawler			Sprang leak and sank in lat. 34N., long. 8 12W.	30th Dec.

#### **Burnt**

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
FORILLON 1966	123	Com (Can)	w.m. fishing		•••	Sank after explosion and fire in engine room 80 miles S.E. of Gaspe, P.Q.	28th July
LYDIA MARIE 1947	149	Com (Can)	w.aux.m. fishing		•••	At Fanny's Harbour, Cape Harrigan, Labrador.	4th Aug.
SILLERY 1964	1091	Com (Can)	m. cargo	Seven Islands— Montreal	General	Caught fire in engine room near Orleans Island, River St. Lawrence and towed to Mont- real; subsequently sold and broken up.	18th Nov.
HAWTHORNE 1953 TRADER	1294	Com (Cay)	m. cargo	Curacao— Puerto Cortes	Ballast	Caught fire approximately 8 miles S. of Roatan Island, Honduras; subsequently taken in tow and beached in Dixon Cove, Roatan Island, where condemned.	31st Jan.
SIDNEY 1943	118	Amr	w.m. fishing			Caught fire and sank off Hinch- inbrook Island, Gulf of Alaska.	2nd May
PERMINA 105 1951	8864	Idn	m. tanker		•••	Sank after explosion while tank cleaning at anchor at Palembang, midstream Musi River at confluence with Komering River; subsequently refloated	24th Feb.
AIKOKU MARU No. 8 1945	193	Jpn	m. cargo		•••	and sold for breaking up.  Burnt out at Anan-shi, Toku-shima.	20th Apr.
ASAHI MARU No. 6 1962	150	Jpn	m. cargo	··· ··· ···		Burnt out at Takamatsu.	18th Apr.
DAIKOKU MARU 1957	105	Jpn	m. cargo			Burnt out at Anan-shi, Toku- shima.	20th Nov.
DAITOKU MARU 1936	143	Jpn	m. cargo			Burnt out at Kurahashi-machi, Hiroshima.	10th Aug.

# Burnt-continued

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
FUKUJU MARU No. 3 1954	127	Jpn	m. cargo		•••	Burnt out at Takamatsu.	1st July
GENPUKU MARU 1965 No. 62	117	Jpn	m. fishing	   •	•••	Caught fire and sank W. of Kyushu, East China Sea.	9th Feb.
HOTOKU MARU 1958	133	Jpn	m. cargo			Burnt out at Anan-shi, Toku-shima.	6th Feb.
KAIJIN MARU No. 13 1957	120	Jpn	m. cargo			Burnt out at Anan-shi, Toku-shima.	5th June
KANAZAWA MARU 1959	149	Jpn	m. cargo		•••	Burnt out at Anan-shi, Toku-shima.	12th Feb.
KANKO MARU No. 1 1960	121	Jpn	m. cargo	· · · · · · · · · · · · · · · · · · ·	•••	Burnt out at Kitakyushu.	16th Dec.
KATSU MARU No. 3 1962	499	Jpn	m. cargo	••• •••		Burnt out at Takamatsu.	23rd July
KIYO MARU No. 1 1955	113	Jpn	m. cargo			Burnt out at Osaka.	30th Jan.
MEIHO MARU No. 3 1958	135	Jpn	m. cargo			Burnt out at Takamatsu.	1st July
TENJIN MARU No. 6 1956	137	Jpn	m. cargo		•••	Burnt out at Kurahashi-machi, Hiroshima.	13th Nov.
TOMI MARU No. 3 1957	112	Jpn	m. cargo			Burnt out at Anan-shi, Toku-shima.	19th Mar.
TOYO MARU 1949	197	Jpn	m. cargo			Burnt out at Kurahashi-machi, Hiroshima.	2nd Feb.
TOYOFUKU MARU 1959 No. 3	107	Jpn	m. cargo			Burnt out at Osaka.	4th Dec.
ZENKO MARU No. 3 1963	146	Jpn	m. cargo			Caught fire and sank off Tokoname.	13th Nov.
HOLMVANG 1947	368	Nor	m. cargo	Vadso—Stralsund	Fish meal	Caught fire in engine room 3 miles N.W. of Sletnes light; subsequently towed to Tanafjorden and thence to Tromso, where condemned.	26th Nov.
DASMAN 1931	1359	Pan	т. ferry		•••	Caught fire and sank at Suakin, in lat. 19 7 8N., long. 37 20 25E.	7th Nov.
ELISABETH 1945	782	Ptg	w.m. fishing	<b></b>		Caught fire in engine room whilst undergoing alterations at Aveiro; subsequently sold and broken up.	17th Apr.

# Collision

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
CONMARK 1968	300	Den	m. cargo	Storugns—Assens	Limestone	Sank after collision with ELSE RETZLAFF in lat. 54 40 36N., long. 12 33 6E.	29th May
THÜRINGEN 1950	424	G(W)	m. cargo	Aggersund— Hamburg	Gravel	Sank after collision with BALTIC VIKING near Rendsburg in the	19th Sept.
·						Kiel Canal in dense fog; sub- sequently raised, beached at Brunsbuttel and sold for breaking up.	
KAMEHIDE MARU 1966 No. 8	101	Jpn	m. cargo		•••	Sank after collision with Mansei Maru No. 11 in East Chiba Sea.	8th May
RAKURYU MARU 1967	198	Jpn	m. cargo		•••	Sank after collision with TOHO MARU 6 miles E.S.E. of Datozaki lighthouse.	26th July

# Collision—continued

Ship's Name and Year of build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
RYUKAI MARU No. 8 1955	434	Jpn	m. cargo		• • • • • • • • • • • • • • • • • • •	Sank after collision with Taishu Maru off Cape Irahozaki.	26th July
RYOWA MARU No. 1 1961	298	Jpn	m. cargo		•••	Sank after collision with Maru- yoshi Maru No. 3 in Bisan Strait.	23rd June
SHICHIFUKU MARU 1964	843	Jpn	m. cargo	Chiba—Otaru	Manure	Sank after collision with TAISHO MARU No. 21 four miles off Suyaki lighthouse in fog.	23rd July
SHINEI MARU 1953	129	Jpn	m. cargo		•••	Sank after collision with Hosho Maru off Oshima, Ejima- machi, Hyogo.	2nd July
SUMIRIKI MARU 1960 No. 6	128	Jpn	m. cargo			Sank in Collision with KISAN MARU NO. 2 twenty miles S. W. of Shimoniuchi Island, Yanai- shi, Yamaguchi.	18th Aug.
TAIRA MARU 1944	183	Jpn	m. cargo		•••	Sank after collision with NAGATO MARU No. 25 in lat. 33 47 9N., long. 131 26 3E.	14th Feb.
TEKKO MARU No. 5 1963	347	Jpn	m. cargo			Sank after collision with Shozan Maru six miles off Tennozaki lighthouse, Mie.	24th July
TENJIN MARU No. 3 1949	199	Jpn	m. cargo		•••	Sank after collision with Koyo Maru No. 6 off Jowa-to Island, Kudako Strait.	4th Aug.

 $\begin{tabular}{ll} Wrecked \\ (Under this heading are included ships lost through stranding, or striking rocks, sunken wrecks, etc.) \\ \end{tabular}$ 

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
STOWMEAD 1933	377	GBI	m. dredger		Sand	Stranded in Padstow estuary; subsequently refloated, sold and broken up.	7th July
SUMMERSIDE 1961	214	GBI	m. trawler		•••	Stranded a quarter of a mile N. of Garron Point, Stonehaven, in fog; subsequently refloated, towed to Montrose and sold for breaking up.	6th May
TAGUA 1964	169	Com (Fij)	m. cargo	—Mangaia	Empty steel cartons & general	In lat. 21 54S., long. 157 57W., off Mangaia Island.	14th Dec.
RIO DAMUJI 1944	2922	Cub	s. cargo	Neuvitas— Havana	General	In lat. 23 6 15N., long. 81 24 45W.	3rd Feb.
PASCAL ANNIE 1943	271	Fra	w.m. cargo		Sand	Stranded at Anse au Alouettes, three miles from St. Pierre, in heavy weather.	3rd Nov.
AUGUSTA —	328	G(W)	m. cargo	Kiel—Copenhagen	Pearl barley	Stranded on Lillegrund shoal, N. of Falsterbo, having sprung a leak whilst trapped in heavy ice.	16th Feb.
AWA MARU No. 5 1969	483	Jpn	m. cargo		•••	Half a mile from Yamanose lighthouse, Kannon Promontary, Shimamachi, Mie.	13th July
HAINES MARU 1967	7337	Jpn	m. cargo	Tokyo—Rumoi	Timber	Stranded in lat. 43 58 5N., long. 141 38 5E; subsequently sold and broken up.	8th Dec.
KATSU MARU No. 6 1959	154	Jpn	m. cargo	<b></b>	***	Stranded and sank off Tsudo Island, Kumamoto.	3rd Apr.
			[	<i>a</i> 1			

#### Wrecked—continued

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
NISSIN MARU 1954	130	Jpn	m. cargo		···	Stranded W. of Bierajima Island, off Hosojima in the Hyuga Sea.	9th June
SHICHIFUKU MARU 1957 No. 3	111	Jpn	m. cargo			Stranded and sank at Bonatsu- machi, Kagoshima.	16th Feb.
TOHO MARU No. 1 1947	199	Jpn	m. fishing	•••		Stranded and sank at Okubo beach, Tanegashima Island, Kagoshima.	21st Oct.
BAEK NYONG 108 1966	136	K(S)	m. fishing		• • •	Stranded and sank in lat. 20 55 12N., long. 17 5 53W.	25th Aug.
MARINA 1952	500	Lbn	m. cargo	Aqaba—Jeddah	General	Stranded in lat. 21 52N., long. 38 43E., in heavy weather.	19th Mar.
EVER PROSPERITY 1952	7173	Lib	m. cargo	Sydney-Noumea	Ballast	Stranded in lat. 22 28S., long. 166 22E.	3rd July
PARK 1948	350	Nor	m. cargo	Årdal Lundevågen	Sand	Stranded near Tjorveneset, Lista.	10th Feb.
AMPURIA 1950	10608	Pan	m. tanker	Cochin—Port Okha	Furnace oil	Stranded in lat. 21 50N., long. 62 21E; subsequently broke in two during monsoon in July, 1971.	4th Aug.
COMMERCIAL 1944 DISPATCH	495	Pan	m. cargo		•••	Stranded at the N.E. end of Samana Cay, Bahamas.	10th Jan.
ENOS 1953	1029	Pan	m. cargo	Cagliari— Benghazi	Acid, grain and cars	Taken in tow and beached near Porto Empedocle after deve- loping a list due to cargo shift- ing in heavy weather.	28th Feb.

Lost
(Under this heading are included total losses which for want of sufficient information, or for other reasons, cannot be classified)

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Voyage	Cargo	Circumstances and place	Date
LADY DORIANNE II 1969	126	Com (Can)	m. fishing		•••	In Gulf of St. Lawrence, 40 miles off Shippegan.	— Nov.
PETE TIDE 1966	190	Amr	m. supply			Sank after being crushed by ice whilst in attendance to drill- ing platform, in lat. 60 56 2N., long. 151 6 1W.	10th Jan.
AKITSU MARU No. 11 1952	247	Jpn	m. fishing		•••	In lat. 9 30N., long. 163 10E., after sustaining damage to main engine.	25th Aug.
O. LARSEN 1968	199	Nor	m. cargo	Ronne— Stavanger	Stone	Off Songvar lighthouse.	— Nov.

#### ADDITIONAL INFORMATION

- GERD, 143 tons gross motor dredger, built 1913, Den flag. Reported foundered in lat. 55 26N., long. 81 6W., in heavy weather, on 4th November, 1969.
- ASAHI MARU No. 8, 179 tons gross motor fishing, built 1962, Jpn flag. Reported foundered in lat. 51 40N., long. 158 23E., on 22nd December, 1969.
- FUKU MARU, 160 tons gross motor cargo ship, built 1957, Jpn flag. Reported foundered in between Cape Menotozaki and Takaoka on 2nd December, 1969.
- KAIYO MARU No. 10, 499 tons gross motor cargo ship, built 1963, Jpn flag. Reported foundered two miles E. of Onchozu, Hokkaido, on 14th December, 1969.
- Kiku Maru No. 8, 140 tons gross motor cargo ship, built 1962, Jpn flag. Reported stranded and sank off Suzaki Port, Kochi, on 18th December, 1969.
- Tensho Maru No. 5, 159 tons gross motor cargo ship, built 1959, Jpn flag. Reported foundered in Bingonada Sea on 17th December, 1969.
- Usa Maru No. 2, 283 tons gross motor fishing, built 1968, Jpn flag. Reported sunk after collision with Koei Maru No. 11 in lat. 35 17S., long. 40 40E., on 24th December, 1969.
- ALSTENØY, 100 tons gross wooden motor cargo ship, built 1891, Nor flag. Reported wrecked in the Vallersund, near Fosna, on 5th September, 1969.
- ALEGRANZA, 169 tons gross motor trawler, built 1951, Spn flag. Reported foundered off the Spanish Sahara in heavy weather on 14th April, 1963.
- Mary Carmen, 282 tons gross steam cargo ship, built 1905, Spn flag. Reported foundered 30 miles E. of Las Palmas in heavy weather on 28th December, 1969.

# STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC. NOT CONSEQUENT UPON CASUALTY DURING 1970

	Fla	g					No.	Tons gross		C	ountry c	of <b>Dis</b>	posal			No.	Tons gross
æ ſ	Great B	ritain	& N. I	ireland			83	276,552		( United	Kingdor	111				51	65,521
5 )	Australi				•••	•••	5	5,680		Austra							3,005
E	Bahama		•••				i	4,699	똔	Bermu			•••	•••			574
- ≩	Bermud		•••	•••		•••	2	1,148	77	Derma	<i>au</i>	•••	•••	•••	•••	-	3/4
COMMONWEALTH	Canada		•••		•••		17	47,449	СОММОНWEALTH	ł							
₹↓								•	ž	Canade	7					13	<b>37,3</b> 96
<u>,</u> 5 }	Cyprus		•••				15	104,660	[O <sub>I</sub> ]	Hong I			•••		•••		170,200
2 ]	Hong K		•••				3	25,706	ž.	India					•••	_	36,369
ISH	India		•••				4	24,528	රි	1/1111111111111111111111111111111111111	•••	•••	•••	•••	•••	U	20,207
Вкітізн	Kenya						1	151									
Ä	Pakistar		•••				4	25,249	Вкітізн	Kenya						1	151
•	•								R	Pakisto							53,716
Alge	eria						1	342	æ	Singap		•••				_	12,410
Arge	entina		• • •				5	14,868		(~···-51						•	,
Belg	ium		•••		•••		3	4,057									
Braz	zil						24	128,806	470	eria						1	342
										eria centina	•••	•••	•••	•••	•••	•	7,131
Bulg	garia	•••	•••	•••	•••		4	12,298		gium	•••	•••	•••	•••	•••	22	32,280
Burr	ma		•••				1	7,323	Беі	giuni	•••	•••	•••	•••	•••	22	32,200
Chil	e	•••	•••				2	5,205									
Chir	na (Taiw	an)	•••				20	119,218	_								
										zil		••••	•••	•••	•••	7	21,148
Colo	ombia						1	1,440		na, Peop		-	•••	• • •	•••	43	302,053
Den	mark			•••	•••		4	3,283	Chi	na (Tain	van)	•••	•••	•••	•••	<i>150</i>	1,104,479
	pt (U.A.)		•••				1	10,315									
Farc	e Island	s					1	299									
									Col	ombia	•••	•••		•••		1	1,440
Finla	and				•••	•••	4	8,488		ımark	•••		•••			10	11,267
Fran	ice		•••	•••	•••		13	8,768	Egy	pt (U.A.	.R.)	• • •	•••	٩		1	10,315
Gerr	many (Ea	ast)			•••	•••	1	588									
Geri	many (W	est)	•••			•••	94	47,468									
									Fin	land	•••					2	3,543
Gree	ece		•••		•••	•••	58	307,835	Fra	nce	• • •					4	1,394
Hon	duras		•••	•••	•••	•••	1	1,492	Ger	many (H						80	53,584
Indo	nesia		•••	•••	•••		2	4,956		• •	•						•
Iran						•••	1	7,710									
									Gra	ece						22	44,476
Irish	Republ	ic			• • •	•••	1	540		h Republ				•••	•••	4	1,621
Italy	• • • •	•••	•••			•••	17	76,222		у						51	266,207
Japa	n	•••	•••	•••			117	113,882	1141	<i>y</i>	•••	•••	• • •	•••	•••	31	200,207
Kore	ea (Soutl	h)	•••		•••	•••	1	1,896									
									T							147	274 201
Kuw	ait	•••	•••	•••		•••	1	1,759		an		•••	•••	•••	• • • •	147	274,381
Leba	anon	•••	•••	•••	•••	•••	8	<b>33,24</b> 9		ea (Sout	•	•••	•••	•••	•••	3	22,893
Libe	ria	•••	•••	•••	•••	•••	34	240,275	Ku)	vait	•••	•••	•••	•••	•••	1	1,759
Mex	ico	•••	•••	• • • •	•••	•••	1	2,510									
_							_	<u>-</u>	17.	lding Is						,	0 25/
Mor		•••	•••	•••	• • •	•••	1	3,805		ldive Is. xico	•••	•••	•••	•••	•••	1	8,354
-	erlands	•••	•••	•••	•••	***	20	26,557	•	xico herlands	•••	•••	•••	•••	•••	1 26	<b>2,5</b> 10
	ragua	•••	•••	•••	•••	•••	1	4,105			•••	•••	•••	•••	•••	26 32	8,314
Norv	way	•••	•••	•••	•••	•••	37	30,850	Not	way	•••	•••	•••	•••	•••	33	9,874
_								202.052									
Pana		• • •	•••	•••	•••	•••	<b>6</b> 6	323,973	Daw	ama						1	1,242
	ppines	•••	•••	•••	•••	•••	11	49,127		uma ind	•••	•••	•••	•••	•••	1	1,242 4,361
Pola		•••	•••	•••	•••	•••	4	21,647		ina tugal	•••	•••	•••	•••		$\vec{l}$	2,460
Port	ugal	•••	•••	•••	•••	•••	1	2,460	TUI	541	•••	•••	•••	•••	•••	1	2,700
ъ	:_ (TT O :	. n .					21	<b>20</b> 040									
	ia (U.S.		•••	•••	•••	•••	21	68,848	<b>D</b> c	sia (U.S.	S(R)					7	20,848
	li Arabia		•••	•••	•••	•••	4	20,547		th Africa			•••		•••	7	6,629
	ali Repu		•••	•••	•••	•••	3	15,857		in	•••		•••	•••	•••	114	693,945
Sout	h Africa	•••	•••	•••	•••	•••	5	2,450	Spu		•••	•••	•••	•••	•••		0,5,515
C:	_						12	28,757									
Spain		•••	•••	•••	•••	•••	13 4	28,757 12,775	Swe	dan				***********		2	506
Swed		•••	•••	•••	•••	•••					•••	•••	•••	•••	•••		
Tuni		•••	•••	•••	•••	•••	1 4	4,158 27,954	Tun Tur			•••	•••	•••	•••	1 6	4,158 42,389
Turk	су	•••	•••	•••	•••	•••	4	41,734	1 ur	iey	•••	•••	•••	•••	•••	O	42,309
I Init	ed States	of A-	merico				267	1,939,309									
Urug		AI		•••	•••		1	2,613	II ni	ed State	c of Am	erica				127	859,725
	zuela	•••	•••	•••	•••	•••	1	1,865		eu Siuie ezuela	SOJANI		•••	•••	•••	127	1,865
		•••	•••		•••	•••	9	42,033		oslavia		•••	•••	•••	•••	22	103,769
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# STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC.

Ship's Name and Year of Build	Tons Gross	Flag	Турс	Disposal	Where disposed of
INSISTENCE 1939	290	GBI	m. cargo	Broken up	United Kingdom
<b>SAND SKIPPER</b> 1943	313	GBI	m. dredger	Broken up	United Kingdom
TOTALITY 1945	149	GBI	s. tanker	Broken up	United Kingdom
DOLLARD 1913	853	Com (Can)	s. tender	Broken up	Canada
ELIZABETH HINDMAN 1921	1913	Com (Can)	m. cargo	Broken up	U.S. of America
HERCULES 1906	234	Com (Can)	s. cargo	Broken up	Canada
TRIDENT STAR 1904	614	Com (Can)	s. tug	Broken up	Canada
<b>ZAMZAM</b> 1928	151	Com	' m. cargo	Condemned	Kenya
DAVID E. HUGHES 1943	7231	(Ken) Amr	s. cargo	Scuttled	Off U.S. of America
EDWARD BELLAMY 1943	7235	Amr	s. cargo	Broken up	U.S. of America
HAROLD I. PRATT 1944	7176	Amr	s. cargo	Broken up	U.S. of America
JOHN H. B. LATROBE 1942	7240	Amr	s. cargo	Broken up	U.S. of America
JONATHAN TRUMBULL 1942	7274	Amr	s. cargo	Broken up	U.S. of America
JUSTO AROSEMENA 1944	7202	Amr	s. cargo	Broken up	U.S. of America
KENNETH A. J. MACKENZIE 1943	7182	Amr	s. cargo	Broken up	U.S. of America
NADINA 1944	7178	Amr	s. cargo	Broken up	Japan
PVT. SADAO S. MUNEMORI 1945	7604	Amr	s. cargo	Broken up	U.S. of America
TONSINA 1944	7201	Amr	s. cargo	Broken up	Japan
WALKER D. HINES 1944	7205	Amr	s. cargo	Scuttled	Off U.S. of America
CALETA OLIVIA 1944	1870	Arg	s. cargo	Broken up	Argentina
CIUDAD DE MONTEVIDEO 1915	3754	Arg	s. cargo	Broken up	Argentina
GLASGOW 1929	1507	Arg	m. cargo	Broken up	Argentina
RIO JEQUITINHONHA 1945	3812	Brz	m. cargo	Broken up	Brazil
RIO PIABANHA 1945	3805	Brz	m. cargo	Broken up	Brazil
TOLIMA 1946	1440	Cmb	m. cargo	Broken up	Colombia
ETOILE DU SUD 1947	393	Fra	m. trawler	Broken up	France
JEAN DE BETHENCOURT 1942	127	Fra	s. tug	Broken up	France
BERND 1928	164	G(W)	m. cargo	Broken up	Denmark
BÜRGERMEISTER DIECKMANN 1956	336	G(W)	m. trawler	Broken up	West Germany
CHARLOTTE 1915	491	G(W)	m. cargo	Broken up	Denmark
CONSUL BROUËR 1955	328	G(W)	m. trawler	Broken up	West Germany
DINI LÜTTER 1932	299	G(W)	m. cargo	Broken up	West Germany
EMIL FOX 1956	336	G(W)	m. trawler	Broken up	West Germany
ERNST 1929	188	G(W)	s. salvage tug	Broken up	Belgium
FAIRPLAY VII 1943	175	G(W)	s. tug	Broken up	Belgium
HANS GÜNTHER 1931	162	G(W)	m. cargo	Broken up	West Germany
HASTEDT 1908	271	G(W)	m. fishing	Broken up	West Germany
HEINRICH SCHULTE 1945	320	G(W)	m. trawler	Broken up	West Germany
JOHANN SCHULTE 1955	287	G(W)	m. trawler	Broken up	West Germany

Tons										
Ship's Name and Year of Build	Tons Gross	Fiag	Туре	Disposal	Where disposed of					
JOVIS 192:	175	G(W)	m. cargo	Broken up	Netherlands					
JUSTIZRAT KLASEN 195	328	G(W)	m. fishing	Broken up	West Germany					
<b>KEHRWIEDER-I</b> 193	135	G(W)	s. cargo	Broken up	West Germany					
LIESBETH 192	141	G(W)	m. cargo	Broken up	West Germany					
MAREN 192	132	G(W)	m. cargo	Broken up	West Germany					
MOJENHÖRN 1930	230	G(W)	m. cargo	Broken up	Denmark					
RIFF 193	275	G(W)	m. cargo	Broken up	Denmark					
RUDOLPH WENDT 195:	328	G(W)	m. trawler	Broken up	West Germany					
SAXNOT 1950	320	G(W)	m. fishing	Broken up	West Germany					
SCHLESWIG 1950	244	G(W)	m. fishing	Broken up	West Germany					
WILLENA 1925	142	G(W)	m. cargo	Broken up	West Germany					
ARISTANDROS 1940	5488	Grc	m. cargo	Broken up	People's Republic of China					
CAPETAN ANDREAS T 1930	4031	Grc	m. cargo	Broken up	People's Republic of China					
DAFNI II 1944	114	Grc	w.m. cargo	Broken up	Greece					
<b>HYDRA</b> 1942	551	Grc	m. cargo	Broken up	Greece					
MARGARET 194	7214	Grc	s. cargo	Broken up	People's Republic of China					
NISOS AEGINA 1940	302	Grc	s. tug	Broken up	Greece					
NISOS IKARIA 1942	600	Grc	s. tug	Broken up	Greece					
NISOS POROS 1940	296	Grc	s. tug	Broken up	Greece					
NISOS THASOS 1949	500	Grc	s. tug	Broken up	Greece					
VERNICOS FRANGISKI 1949	332	Grc	s. tug	Broken up	Greece					
EBE 192	103	Itl	m. cargo	Broken up	Italy					
AKATSUKI MARU 1950	405	Jpn	m. cargo	Broken up	Japan					
AKEBONO MARU No. 9 194'	341	Jpn	m. trawler	Broken up	Japan					
AKI MARU No. 5 195	101	Jpn	m. cargo	Broken up	Japan					
ASAHI MARU 1950	195	Jpn	m. cargo	Broken up	Japan					
ASAHI MARU No. 10 194	174	Jpn	m. cargo	Broken up	Japan					
ASUZAN MARU 1953	448	Jpn	m. tanker	Broken up	Japan					
<b>AZUMA MARU</b> 195:	164	Jpn	m. cargo	Broken up	Japan					
CHOEI MARU 1950	426	Jpn	m. cargo	Broken up	Japan					
CHOEI MARU No. 3 196	138	Jpn	m. cargo	Broken up	Japan					
CHOEI MARU No. 3 1956	117	Jpn	m. cargo	Broken up	Japan					
CHOYU MARU 1949	687	Jpn	m. cargo	Broken up	Japan					
DAIEI MARU No. 1		Jpn	m. cargo	Broken up	Japan					
<b>DAISEI MARU</b> 194'	3895	Jpn	m. cargo	Broken up	Japan					
EBISU MARU No. 2 1960		Jpn	m. cargo	Broken up	Japan					
EIFUKU MARU No. 2	195	Jpn	m. cargo	Broken up	Japan					
EIFUKU MARU No. 8 1950	184	Jpn	m. tanker	Broken up	Japan					
EIJO MARU 194'		Jpn	m. fishing	Broken up	Japan					
EITOKO MARU 1929	1	Jpn	m. cargo	Broken up	Japan					
EIYO MARU 1957	1	Jpn	m. tanker	Broken up	Japan					
<u></u>	<del></del>	1	Camping							

	Conde		Broken up, et		
Ship's Name and Year of Build	Tons Gross	Flag	Туре	Disposal	Where disposed of
<b>EIYOSHI MARU No. 5</b> 1944	102	Jpn	m. cargo	Broken up	Japan
<b>FUJI MARU</b> 1949	100	Jpn	s. cargo	Broken up	Japan
<b>FUKUSHO MARU No. 15</b> 1948	614	Jpn	m. cargo	Broken up	Japan
FUMI MARU No. 11 1951	424	Jpn	m. whaler	Broken up	Japan
GENPUKU MARU No. 67 1947	152	Jpn	m. fishing	Broken up	Japan
<b>HAKUYO MARU</b> 1921	6430	Jpn	s. cargo	Broken up	China (Taiwan)
<b>HAYAFUNE MARU</b> 1954	191	Jpn	m. cargo	Broken up	Japan
HINODE MARU 1920	214	Jpn	s. tug	Broken up	Japan
HIROFUJI MARU 1963	228	Jpn	m. cargo	Broken up	Japan
HOTOKU MARU No. 3	493	Jpn	m. cargo	Broken up	Japan
HOYO MARU 1947	170	Jpn	m. cargo	Broken up	Japan
HOYO MARU No. 28 1947	106	Jpn	m. trawler	Broken up	Japan
INABASAN MARU 1943	899	Jpn	m. cargo	Broken up	Japan
ISE MARU No. 1 1956	397	Jpn	m. cargo	Broken up	Japan
<b>KAMOGAWA MARU</b> 1953	252	Jpn	m. cargo	Broken up	Japan
KATOKU MARU No. 35 1947	167	Jpn	m. cargo	Broken up	Japan
KAWASHIMA MARU No. 1 1963	105	Jpn	m. cargo	Broken up	Japan
KINRIKI MARU —	296	Jpn	m. cargo	Broken up	Japan
KINSEI MARU No. 2 1962	419	Jpn	m. cargo	Broken up	Japan
KOBE MARU 1950	6609	Jpn	s. cargo	Broken up	Japan
KOHO MARU No. 6 1963	110	Jpn	m. cargo	Broken up	Japan
KOJIMA MARU No. 3 1959	192	Jpn	m. cargo	Broken up	Japan
KOMPIRA MARU No. 7 1938	183	Jpn	m. cargo	Broken up	Japan
KONAN MARU No. 7 1952	471	Jpn	m. whaler	Broken up	Japan
KONGO MARU 1942	234	Jpn	s. tug	Broken up	Japan
KOWA MARU 1947	491	Jpn	m. cargo	Broken up	Japan
KOYU MARU No. 5 1952	199	Jpn	m. cargo	Broken up	Japan
KYO MARU No. 7 1952	399	Jpn	m. whaler	Broken up	Japan
MASAYOSHI MARU 1958	327	Jpn	m. tanker	Broken up	Japan
MASU MARU No. 8 1947	176	Jpn	m. fishing	Broken up	Japan
MATSUEI MARU 1963	127	Jpn	m. cargo	Broken up	Japan
MIKADO MARU No. 2 1946	377	Jpn	m. cargo	Broken up	Japan
MIWA MARU 1960	213	Jpn	m. tanker	Broken up	Japan
MIYAKAZU MARU 1949	764	Jpn	m. cargo	Broken up	Japan
MURACHIDORI MARU	154	Jpn	m. cargo	Broken up	Japan
MYOJIN MARU No. 3 1936	198	Jpn	m. cargo	Broken up	Japan
NANTWA MARU No. 2 1962	102	Jpn	m. tanker	Broken up	Japan
NIKKO MARU 1958	353	Jpn	m. cargo	Broken up	Japan
NIPPO MARU 1957	337	Jpn	m. tanker	Broken up	Japan
NIPPO MARU No. 58 1956	682	Jpn	m. tanker	Broken up	Japan
NISSHIN MARU No. 11 1958	442	Jpn	m. cargo	Broken up	Japan

NOJIMA MARU   1941   616   Jpn   m. cargo   Broken up   Japan   Japan   Japan   Self MARU   1958   167   Jpn   m. tanker   Broken up   Japan   Japan	C			Broken up, et	-	
OE MARU          1599         164         Jpn         m. cargo         Broken up          Japan           RAKUHO MARU No. 1          1958         167         Jpn         m. tanker         Broken up          Japan           RINPUKU MARU No. 15          1958         160         Jpn         m. tanker         Broken up          Japan           SAIKO MARU          1947         300         Jpn         m. tanker         Broken up          Japan           SAIKO MARU          1951         48         Jpn         m. cargo         Broken up          Japan           SEIHO MARU No. 10          1950         417         Jpn         m. tanker         Broken up          Japan           SEITA MARU No. 10          1950         407         Jpn         m. tanker         Broken up          Japan           SEITSU MARU No. 1          1951         473         Jpn         m. cargo         Broken up          Japan           SHINKE MARU No. 2          1960         102         Jpn         m. cargo         B	d Year of Build G	Ship's Name and Year	Tons Flag	Туре	Disposal	Where disposed of
RAKUHO MARU No. 1	1941	NOJIMA MARU	616 Jpn	m. cargo	Broken up	Japan
RINPUKU MARU No. 15 1958   160   Jpn   m. tanker   Broken up Japan   SAIKO MARU 1929   286   Jpn   m. cargo   Broken up Japan   SAIKO MARU	1959	OE MARU	164 Jpn	m. cargo	Broken up	Japan
SACHI MARU         1947         300         Jpn         m. fishing         Broken up          Japan           SAIKO MARU         1929         286         Jpn         m. cargo         Broken up          Japan           SEIHO MARU         1958         148         Jpn         m. cargo         Broken up          Japan           SEIHO MARU No, 10         1950         417         Jpn         m. whaler         Broken up          Japan           SEITA MARU No, 1         1948         225         Jpn         m. fishing         Broken up          Japan           SETISU MARU No, 3         1951         473         Jpn         m. cargo         Broken up          Japan           SETISU MARU No, 6         1960         102         Jpn         m. cargo         Broken up          Japan           SETISU MARU No, 7         1960         102         Jpn         m. cargo         Broken up          Japan           SHINKO MARU         1955         127         Jpn         m. cargo         Broken up          Japan           SHINSHO MARU No, 11         1942         1948         588         Jpn	<b>5. 1</b> 1958	RAKUHO MARU No. 1	167 Jpn	m. tanker	Broken up	Japan
SAIKO MARU	o. 15 1958	RINPUKU MARU No. 15	160 Jpn	m. tanker	Broken up	Japan
SAWACHIDORI MARU         1958         148         Jpn         m. cargo         Broken up         Japan           SEIHO MARU         1961         495         Jpn         m. tanker         Broken up         Japan           SEIHO MARU No. 10         1950         417         Jpn         m. whaler         Broken up         Japan           SEITA MARU No. 1         1948         225         Jpn         m. fishing         Broken up         Japan           SEITSU MARU No. 3         1959         360         Jpn         m. cargo         Broken up         Japan           SEITSU MARU No. 3         1960         404         Jpn         m. cargo         Broken up         Japan           SHINKEI MARU No. 2         1960         102         Jpn         m. cargo         Broken up         Japan           SHINKO MARU         1955         127         Jpn         m. cargo         Broken up         Japan           SHINKO MARU No. 1         1962         421         Jpn         m. cargo         Broken up         Japan           SHINYU MARU         1942         1948         Jpn         m. cargo         Broken up         Japan           SHONO MARU         1958         199         Jpn         m. tan	1947	SACHI MARU	300 Jpn	m. fishing	Broken up	Japan
SEIHO MARU	1929	SAIKO MARU	286 Jpn	m. cargo	Broken up	Japan
SEIHO MARU No. 10	RU 1958	SAWACHIDORI MARU	148 Jpn	m. cargo	Broken up	Japan
SEITA MARU No. 1           1948         225         Jpn         m. fishing         Broken up          Japan           SEKI MARU No. 11           1951         473         Jpn         m. eargo         Broken up          Japan           SETISU MARU No. 3          1959         360         Jpn         m. cargo         Broken up          Japan           SETISU MARU No. 7          1960         404         Jpn         m. cargo         Broken up          Japan           SHINKO MARU          1955         127         Jpn         m. cargo         Broken up          Japan           SHINKO MARU No. 5          1948         588         Jpn         m. cargo         Broken up          Japan           SHINSHO MARU No. 11          1952         421         Jpn         m. cargo         Broken up          Japan           SHINYAO MARU          1948         Jpn         m. cargo         Broken up          Japan           SHONYO MARU          1954         635         Jpn         m. cargo<	1961	SEIHO MARU	495 Jpn	m. tanker	Broken up	Japan
SEKI MARU No. 11	10 1950	SEIHO MARU No. 10	417 Jpn	m. whaler	Broken up	Japan
SETTSU MARU No. 3         1959         360         Jpn         m. cargo         Broken up         Japan           SETTSU MARU No. 7         1960         404         Jpn         m. cargo         Broken up         Japan           SHINKEI MARU No. 2         1960         102         Jpn         m. cargo         Broken up         Japan           SHINKO MARU No. 5         1948         588         Jpn         m. cargo         Broken up         Japan           SHINSHO MARU No. 11         1962         421         Jpn         m. tanker         Broken up         Japan           SHINYU MARU         1942         1948         Jpn         m. cargo         Broken up         Japan           SHOHO MARU         1958         199         Jpn         m. tanker         Broken up         Japan           SHOHO MARU         1954         635         Jpn         m. tanker         Broken up         Japan           SHUNYO MARU         1944         706         Jpn         m. cargo         Broken up         Japan           TAISEN MARU No. 1         1947         145         Jpn         m. fishing         Broken up         Japan           TAISHIN MARU	1948	SEITA MARU No. 1	225 Jpn	m. fishing	Broken up	Japan
SETTSU MARU No. 7	1951	SEKI MARU No. 11	473 Jpn	m. whaler	Broken up	Japan
SHINKEI MARU No. 2	3 1959	SETTSU MARU No. 3	360 Jpn	m. cargo	Broken up	Japan
SHINKO MARU       1955   127   Jpn   m. cargo   Broken up   Japan   Japan   SHINKO MARU No. 5     1948   588   Jpn   m. cargo   Broken up   Japan   Japan   SHINSHO MARU No. 11     1962   421   Jpn   m. tanker   Broken up   Japan   Japan   SHINWA MARU       1942   1948   Jpn   m. cargo   Broken up   Japan   Japan   SHINYU MARU       1958   199   Jpn   m. tanker   Broken up   Japan   Japan   SHUNYO MARU       1954   635   Jpn   m. tanker   Broken up   Japan   Japan   SHUNYO MARU       1944   706   Jpn   m. cargo   Broken up   Japan	7 1960	SETTSU MARU No. 7	404 Jpn	m. cargo	Broken up	Japan
SHINKO MARU No. 5	. 2 1960	SHINKEI MARU No. 2	102 Jpn	m. cargo	Broken up	Japan
SHINSHO MARU No. 11        1962       421       Jpn       m. tanker       Broken up        Japan         SHINWA MARU        1942       1948       Jpn       m. cargo       Broken up        Japan         SHINYU MARU        1958       199       Jpn       m. tanker       Broken up        Japan         SHOHO MARU        1944       706       Jpn       m. cargo       Broken up        Japan         SHUNYO MARU        1944       706       Jpn       m. cargo       Broken up        Japan         TAISHI MARU No. 1         197       Jpn       m. cargo       Broken up        Japan         TAISHI MARU No. 15        1958       699       Jpn       m. tanker       Broken up        Japan         TAISHIN MARU        1947       170       Jpn       m. cargo       Broken up        Japan         TAISHO MARU No. 15        1959       435       Jpn       m. cargo       Broken up        Japan         TAKATORISAN MARU <td> 1955</td> <td>SHINKO MARU</td> <td>127 Jpn</td> <td>m. cargo</td> <td>Broken up</td> <td>Japan</td>	1955	SHINKO MARU	127 Jpn	m. cargo	Broken up	Japan
SHINWA MARU         1942       1948       Jpn       m. cargo       Broken up        Japan         SHINYU MARU         1958       199       Jpn       m. tanker       Broken up        Japan         SHOHO MARU         1954       635       Jpn       m. tanker       Broken up         Japan         SHUNYO MARU         1944       706       Jpn       m. cargo       Broken up        Japan         TAIHEI MARU No. 1         197       Jpn       m. cargo       Broken up        Japan         TAISAN MARU No. 2         1947       145       Jpn       m. tanker       Broken up        Japan         TAISHIN MARU No. 15        1958       699       Jpn       m. cargo       Broken up        Japan         TAISHIN MARU No. 8         1947       170       Jpn       m. cargo       Broken up        Japan         TAISHO MARU No. 15         1959       435       Jpn       m. cargo       Bro	5 1948	SHINKO MARU No. 5	588 Jpn	m. cargo	Broken up	Japan
SHINYU MARU          1958         199         Jpn         m. tanker         Broken up          Japan           SHOHO MARU           1954         635         Jpn         m. tanker         Broken up          Japan           SHUNYO MARU           1944         706         Jpn         m. cargo         Broken up          Japan           TAIHEI MARU No. 1           197         Jpn         m. cargo         Broken up          Japan           TAISAN MARU No. 2          1947         145         Jpn         m. fishing         Broken up          Japan           TAISEI MARU No. 15          1958         699         Jpn         m. cargo         Broken up          Japan           TAISHIN MARU          1947         170         Jpn         m. cargo         Broken up          Japan           TAISHIN MARU No. 8          1959         435         Jpn         m. cargo         Broken up          Japan           TAIYU MARU          1957         357         Jpn <td< td=""><td>o. 11 1962</td><td>SHINSHO MARU No. 11</td><td>421 Jpn</td><td>m. tanker</td><td>Broken up</td><td>Japan</td></td<>	o. 11 1962	SHINSHO MARU No. 11	421 Jpn	m. tanker	Broken up	Japan
SHOHO MARU           1954         635         Jpn         m. tanker         Broken up          Japan           SHUNYO MARU           1944         706         Jpn         m. cargo         Broken up          Japan           TAIHEI MARU No. 1          —         197         Jpn         m. cargo         Broken up          Japan           TAISAN MARU No. 15          1958         699         Jpn         m. tanker         Broken up          Japan           TAISEI MARU No. 15          1958         699         Jpn         m. cargo         Broken up          Japan           TAISEIN MARU          1961         432         Jpn         m. cargo         Broken up          Japan           TAISHIN MARU          1947         170         Jpn         m. cargo         Broken up          Japan           TAISHIN MARU No. 8          1959         435         Jpn         m. cargo         Broken up          Japan           TAISHO MARU No. 15          1957         357         Jpn	1942	SHINWA MARU	1948 Jpn	m. cargo	Broken up	Japan
SHUNYO MARU           1944         706         Jpn         m. cargo         Broken up          Japan           TAIHEI MARU No. 1          —         197         Jpn         m. cargo         Broken up          Japan           TAISAN MARU No. 2          1947         145         Jpn         m. fishing         Broken up          Japan           TAISEI MARU No. 15          1958         699         Jpn         m. cargo         Broken up          Japan           TAISEI MARU No. 15          1961         432         Jpn         m. cargo         Broken up          Japan           TAISHIN MARU          1947         170         Jpn         m. cargo         Broken up          Japan           TAISHO MARU No. 15          1959         435         Jpn         m. cargo         Broken up          Japan           TAISHO MARU          1957         357         Jpn         m. cargo         Broken up          Japan           TAKATORISAN MARU          1947         197         Jpn         m. cargo </td <td> 1958</td> <td>SHINYU MARU</td> <td>199 Jpn</td> <td>m. tanker</td> <td>Broken up</td> <td>Japan</td>	1958	SHINYU MARU	199 Jpn	m. tanker	Broken up	Japan
TAIHEI MARU No. 1         197       Jpn       m. cargo       Broken up        Japan         TAISAN MARU No. 2        1947       145       Jpn       m. fishing       Broken up        Japan         TAISEI MARU No. 15        1958       699       Jpn       m. tanker       Broken up        Japan         TAISENZAN MARU        1961       432       Jpn       m. cargo       Broken up        Japan         TAISHIN MARU        1947       170       Jpn       m. cargo       Broken up        Japan         TAISHO MARU No. 15        1959       435       Jpn       m. cargo       Broken up        Japan         TAIYU MARU        1957       357       Jpn       m. cargo       Broken up        Japan         TAMA MARU No. 1        1947       197       Jpn       m. cargo       Broken up        Japan         TENKO MARU        1947       218       Jpn       m. fishing       Broken up        Japan         TENKO MARU	1954	SHOHO MARU	635 Jpn	m. tanker	Broken up	Japan
TAISAN MARU No. 2       1947       145       Jpn       m. fishing       Broken up Japan         TAISEI MARU No. 15       1958       699       Jpn       m. tanker       Broken up Japan         TAISENZAN MARU 1961       432       Jpn       m. cargo       Broken up Japan         TAISHIN MARU No. 8       1947       170       Jpn       m. cargo       Broken up Japan         TAISHO MARU No. 15       1959       439       Jpn       m. cargo       Broken up Japan         TAIYU MARU 1957       357       Jpn       m. cargo       Broken up Japan         TAKATORISAN MARU 1949       2171       Jpn       m. cargo       Broken up Japan         TAMA MARU No. 1 1947       197       Jpn       m. cargo       Broken up Japan         TENKO MARU 1947       218       Jpn       m. fishing       Broken up Japan         TENRYU MARU No. 3       1958       271       Jpn       m. tanker       Broken up Japan         TOEI MARU 1957       496       Jpn       m. cargo       Broken up Japan	1944	SHUNYO MARU	706 Jpn	m. cargo	Broken up	Japan
TAISEI MARU No. 15         1958       699       Jpn       m. tanker       Broken up        Japan         TAISENZAN MARU         1961       432       Jpn       m. cargo       Broken up        Japan         TAISHIN MARU         1959       439       Jpn       m. cargo       Broken up        Japan         TAISHO MARU No. 15         1959       435       Jpn       m. cargo       Broken up        Japan         TAIYU MARU         1957       357       Jpn       m. cargo       Broken up        Japan         TAKATORISAN MARU        1949       2171       Jpn       m. cargo       Broken up        Japan         TENKO MARU         1947       197       Jpn       m. fishing       Broken up        Japan         TENRYU MARU No. 3        1958       271       Jpn       m. tanker       Broken up        Japan         TOEI MARU         1957       496       Jpn       m. cargo<	1 1	TAIHEI MARU No. 1	197 Jpn	m. cargo	Broken up	Japan
TAISENZAN MARU        1961       432       Jpn       m. cargo       Broken up        Japan         TAISHIN MARU        1947       170       Jpn       m. cargo       Broken up        Japan         TAISHIN MARU No. 8        1959       439       Jpn       m. cargo       Broken up        Japan         TAISHO MARU No. 15        1959       435       Jpn       m. cargo       Broken up        Japan         TAIYU MARU        1957       357       Jpn       m. cargo       Broken up        Japan         TAKATORISAN MARU        1949       2171       Jpn       m. cargo       Broken up        Japan         TENKO MARU        1947       197       Jpn       m. fishing       Broken up        Japan         TENRYU MARU No. 3        1958       271       Jpn       m. tanker       Broken up        Japan         TOEI MARU         1957       496       Jpn       m. cargo       Broken up        Japan	<b>2</b> 1947	TAISAN MARU No. 2	145 Jpn	m. fishing	Broken up	Japan
TAISHIN MARU         1947       170       Jpn       m. cargo       Broken up        Japan         TAISHIN MARU No. 8        1959       439       Jpn       m. cargo       Broken up        Japan         TAISHO MARU No. 15        1959       435       Jpn       m. cargo       Broken up        Japan         TAIYU MARU        1957       357       Jpn       m. cargo       Broken up        Japan         TAKATORISAN MARU        1949       2171       Jpn       m. cargo       Broken up        Japan         TAMA MARU No. 1        1947       197       Jpn       m. fishing       Broken up        Japan         TENKO MARU         1958       271       Jpn       m. tanker       Broken up        Japan         TOEI MARU         1957       496       Jpn       m. cargo       Broken up        Japan	15 1958	TAISEI MARU No. 15	699 Jpn	m. tanker	Broken up	Japan
TAISHIN MARU No. 8       1959       439       Jpn       m. cargo       Broken up Japan         TAISHO MARU No. 15       1959       435       Jpn       m. cargo       Broken up Japan         TAIYU MARU 1957       357       Jpn       m. cargo       Broken up Japan         TAKATORISAN MARU 1949       2171       Jpn       m. cargo       Broken up Japan         TAMA MARU No. 1 1947       197       Jpn       m. fishing       Broken up Japan         TENKO MARU 1947       218       Jpn       m. fishing       Broken up Japan         TENRYU MARU No. 3       1958       271       Jpn       m. tanker       Broken up Japan         TOEI MARU 1957       496       Jpn       m. cargo       Broken up Japan	1961	TAISENZAN MARU	432 Jpn	m. cargo	Broken up	Japan
TAISHO MARU No. 15         1959       435       Jpn       m. cargo       Broken up        Japan         TAIYU MARU         1957       357       Jpn       m. cargo       Broken up        Japan         TAKATORISAN MARU         1949       2171       Jpn       m. cargo       Broken up        Japan         TAMA MARU No. 1         1947       197       Jpn       m. fishing       Broken up        Japan         TENRYU MARU No. 3         1958       271       Jpn       m. tanker       Broken up        Japan         TOEI MARU         1957       496       Jpn       m. cargo       Broken up        Japan	1947	TAISHIN MARU	170 Jpn	m. cargo	Broken up	Japan
TAIYU MARU         1957       357       Jpn       m. cargo       Broken up        Japan         TAKATORISAN MARU         1949       2171       Jpn       m. cargo       Broken up        Japan         TAMA MARU No. 1         1947       197       Jpn       m. cargo       Broken up        Japan         TENKO MARU         1947       218       Jpn       m. fishing       Broken up        Japan         TENRYU MARU No. 3         1958       271       Jpn       m. tanker       Broken up        Japan         TOEI MARU         1957       496       Jpn       m. cargo       Broken up        Japan	. 8 1959	TAISHIN MARU No. 8	439 Jpn	m. cargo	Broken up	Japan
TAKATORISAN MARU         1949       2171       Jpn       m. cargo       Broken up         Japan         TAMA MARU No. 1         1947       197       Jpn       m. cargo       Broken up         Japan         TENKO MARU         1947       218       Jpn       m. fishing       Broken up         Japan         TENRYU MARU No. 3         1958       271       Jpn       m. tanker       Broken up        Japan         TOEI MARU          1957       496       Jpn       m. cargo       Broken up         Japan	15 1959	TAISHO MARU No. 15	435 Jpn	m. cargo	Broken up	Japan
TAMA MARU No. 1        1947       197       Jpn       m. cargo       Broken up        Japan         TENKO MARU         1947       218       Jpn       m. fishing       Broken up        Japan         TENRYU MARU No. 3         1958       271       Jpn       m. tanker       Broken up        Japan         TOEI MARU         1957       496       Jpn       m. cargo       Broken up        Japan	1957	TAIYU MARU	357 Jpn	m. cargo	Broken up	Japan
TENKO MARU         1947       218       Jpn       m. fishing       Broken up        Japan         TENRYU MARU No. 3         1958       271       Jpn       m. tanker       Broken up         Japan         TOEI MARU         1957       496       Jpn       m. cargo       Broken up         Japan	RU 1949 21	TAKATORISAN MARU	2171 Jpn	m. cargo	Broken up	Japan
TENRYU MARU No. 3          1958         271         Jpn         m. tanker         Broken up          Japan           TOEI MARU          1957         496         Jpn         m. cargo         Broken up          Japan	1947	TAMA MARU No. 1	197 Jpn	m. cargo	Broken up	Japan
TOEI MARU 1957 496 Jpn m. cargo Broken up Japan	1947	TENKO MARU	218 Jpn	m. fishing	Broken up	Japan
	. 3 1958	TENRYU MARU No. 3	271 Jpn	m. tanker	Broken up	Japan
movement   1	1957	TOEI MARU	496 Jpn	m. cargo	Broken up	Japan
TOKUWAKA MARU 1960 117 Jpn m. cargo Broken up Japan	1960	TOKUWAKA MARU	117 Jpn	m. cargo	Broken up	Japan
TOKYO MARU No. 1 1960 370 Jpn m. tanker Broken up Japan	1 1960 3	TOKYO MARU No. 1	370 Jpn	m. tanker	Broken up	Japan
TOMIWAKA MARU 1959 251 Jpn m. cargo Broken up Japan	1959	TOMIWAKA MARU	251 Jpn	m. cargo	Broken up	Japan
TOSHI MARU No. 2 1941 743 Jpn m. whaler Broken up Japan	1941	TOSHI MARU No. 2	743 Jpn	m. whaler	Broken up	Japan
TOSHI MARU No. 3 1951 724 Jpn m. whaler Broken up Japan	3 1951	TOSHI MARU No. 3	724 Jpn	m. whaler	Broken up	Japan
TOSHI MARU No. 5 1951 707 Jpn m. whaler Broken up Japan	s 1951 7	TOSHI MARU No. 5	707 Jpn	m. whaler	Broken up	Japan
TOSHI MARU No. 6 1949 589 Jpn m. whaler Broken up Japan	5 1949	TOSHI MARU No. 6	589 Jpn	m. whaler	Broken up	Japan

	of Build	Í	Tons	Flag	Туре	Disposal	Where disposed of
			Gross		-72-		
TOYO MARU No. 1		1948	415	Jpn	m. cargo	Broken up	. Japan
TOYO MARU No. 17	•••	1947	210	Jpn	m. tanker	Broken up	. Japan
WAKACHIDORI MARU	•••	—	157	Jpn	m. cargo	Broken up	. Japan
WAYO MARU		1924	341	Jpn	m. cargo	Broken up	. Japan
YAMAGUCHI MARU		1945	194	Jpn	m. cargo	Broken up	. Japan
YAMAHIKO MARU		1951	6342	Jpn	s. cargo	Broken up	. Japan
YOSHIEI MARU		1946	148	Jpn	m. cargo	Broken up	. Japan
YUTAKA MARU No. 5	•••	1911	259	Jpn	m. cargo	Broken up	. Japan
DIMOS	•••	1943	7187	Lbn	s. cargo	Broken up	. People's Republic of China
GRACE		1934	1803	Lbn	s. cargo	Broken up	. Greece
TOLUCA	•••	1950	2510	Mex	s. cargo	Broken up	. Mexico
DJERADA		1945	3805	Mor	m. cargo	Broken up	. Spain
RILLAND		1932	163	Nth	m. tug	Broken up	. Belgium
BARDEN		1914	189	Nor	m. fishing	Broken up	. Norway
HAREID		1907	126	Nor	m. fishing	Condemned	. Norway
HAUKUR		1951	645	Nor	s. fishing	Broken up	. Norway
SJARMÖR	•••	1952	155	Nor	w.m. fishing	Condemned	. Norway
SNURPEREN		1942	118	Nor	w.m. fishing	Scuttled	. Off Norway
ASIA EXPRESS	•••	1945	2234	Pan	m. cargo	Broken up	. Singapore
GOLDEN MOUNTAIN		1939	6281	Pan	m. cargo	Broken up	. Japan
JASA ,		1935	625	Pan	m. cargo	Broken up	. Singapore
MILO'S DEL MAR	•••	1940	1353	Pan	s. cargo	Broken up	. Singapore
LEONOR	•••	1944	7227	Phi	m. cargo	Broken up	. Japan
KOSCIUSZKO	•••	1939	7707	Pol	s. cargo	Broken up	. People's Republic of China
CHELYUSKINETS		1936	5115	Rus	m. cargo	Broken up	. Russia
GATCHINA		1920	1443	Rus	s. cargo	Broken up	. Russia
KRASNOGORSK		1950	1193	Rus	m. cargo	Broken up	. Japan
KURGAN		1952	1946	Rus	s. ore carrier	Broken up	. Russia
MENDELEYEV	•••	1920	6059	Rus	s. cargo	Broken up	. Russia
OLENEK	•••	1951	533	Rus	s. tug	Broken up	. Russia
TELNOVSK		1949	1194	Rus	m. cargo	Broken up	. Japan
VALGA		1917	2161	Rus	s. cargo	Broken up	. Russia
LEILA B		1945	3921	Sau	m. cargo	Broken up	People's Republic of China
FRANCES REPETTO		1944	316	SAf	w.m. fishing	Condemned	South Africa
MARINA		1944	7203	Som	s. cargo	Broken up	People's Republic of China
ALISIO	•••	1945	1359	Spn	m. trawler	Broken up	Spain
CAMPOMANES	•••	1932	6276	Spn	m. tanker	Broken up	Spain
DAROCA		1910	1105	Spn	s. cargo	Broken up	Spain
VENDAVAL		1945	1359	Spn	m. trawler	Broken up	Spain
vis		1935	2071	Ygs	s. cargo	Broken up	Yugoslavia
			}				

#### SHIPS CONVERTED FOR NON-SEAGOING SERVICE

Ship's Name and Year of Build	Tons Gross	Flag	Туре	Disposal	Where disposed of
<b>WAVE RULER</b> 1946	8354	GBI	s. tanker	Now used as a storage tanker	Maldive Is.
SUPERIOR STRAITS 1942	861	Com (Can)	w. m.tug	Converted for use as a non- propelled barge	<del>-</del>
PERSEUS 1913	110	Den	w.aux. cargo	Converted for use as a floating museum	U.S. of America
<b>SANG SERAWAI</b> 1946	1370	Idn	s. cargo	Converted for use as a non- propelled barge	Singapore
HÖGSFJORD I 1878	105	Nor	irn.m. cargo	Converted for use as a lodging ship	i -
<b>STORD</b> 1913	470	Nor	m. passenger and cargo	Converted for use as a lodging ship	Norway

#### **CORRECTION**

Ship's	Ship's Name and Year of Build				Tons Gross	Flag	Description	Remarks
SERGIPE				1951	1744	Brz	m. cargo	Reported broken up on page 4 of December Quarterly Casualty Return 1964; resold and replaced in commission as Isaias.
TEREZINA	•••	•••	•••	1951	1737	Brz	m. cargo	Reported broken up on page 4 of December Quarterly Casualty Return 1964; resold and replaced in commission as SIMANSUR.

#### ADDITIONAL INFORMATION

Rimau, 214 tons gross motor tanker, built 1935, Com (Mal) flag. Reported broken up at Singapore in September, 1966.

ZEEHOND, 370 tons gross motor salvage ship, built 1934, Blg flag. Reported broken up in Belgium in February, 1968.

ELENI L, 158 tons gross wooden auxiliary motor cargo ship, built 1946, Grc flag. Reported broken up in Greece in April, 1964.

NAKHODKA, 7176 tons gross steam cargo ship, built 1943, Rus flag. Reported broken up in Russia in 1968.

UTRISH, 602 tons gross motor tanker, built 1944, Rus flag. Reported broken up in Russia in 1968.

Tan 2, 7295 tons gross steam cargo ship, built 1945, Trk flag. Reported broken up in Turkey in September, 1968.

# INDEX TO SHIPS LISTED IN CASUALTY RETURNS FOR 1970

A . Deos Datus beille No. 25 da dalid daptity del drena esopos (T)	58 27 5	Ansi Antares	6	Bayona	5	Chi Lung	
beille No. 25 da dalid daptity del drena esopos (T)	27						
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micon I accor	25	Aragon	6	Bintang Borneo	12	(138 tons) Choei Maru No. 3	
rican Lagoon gami	4	Aram J. Pothier	25	Bio-Bio	13	(117 tons)	
$\operatorname{gapi}(T)$	28	Archer (T)	28	Birger	60	Chokyu Maru	
chios Dimitrios	28	Archontissa (T)	28	Birgitte Cord	37	Choyu Maru	
thios Symeon	28	Ares III $(T)$	11	Bishopdale (T)	8	Christopher Gadsen	
gia Anna	54	Areti	25	Bison	44	Chryssi (T)	
koku Maru No. 8	79	Argentina	20	Blandi	75	Chryssopigi	
catsuki Maru	86	Argolis Star	11	Bled	45	Chun Deok	
ebono Maru No. 9	86	Aristandros	86	Blenda	6	Cibia	
i Maru No. 5	86	Aristipos	11	Blexen	11	Cimadevilla	
citsu Maru No. 11	82	Arkas	îî	Blumenthal	27	Ciudad de Montevideo	
cmeon(T)	25	Arlequin	53	Bockenheim	īi	Clan Macdonald	
crotiri	5	Arrow (T)	7	Bor (6974 tons)	13	Clara Barton	
Fares	6	Arthur C. Ely	41	Bor (1545 tons)	58	Claudio Sabadell	
Majid	61	Arthur Cross	28	Border Keep (T)	8	Coastal Viking	
a-Tau	60	Artigas	28	Boreas	28	Coccolita	
agoas (T)	10	Aru Mariner	60	Borneo Baru	20	Collin Rose	
aska Queen	19	Asahi Maru	86	Boulgaria	37	Columbia Wolf	
bacruz (T)	4	Asahi Maru No. 6	79	Boyec	60	Commercial Dispatch	
berto Haverbeck	10	Asahi Maru No. 8	83	Bowpride	77	Concord Venture	
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ert	24	Asia Express	89	British Renown $(T)$	24	Consul Brouër	
exander	60	Asian Victory	54	Brook	8	Corinthian Glory	
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geneb	27	Asuzan Maru (T)	86			Cottonwood Creek	
git	43	Atlantic Cock	8			Cresta	
ine	30	Atlantic Duke (T)	11	C		Crested Cock	
isio	89	Atlantica	43			Cuma	
ma	58	Atlantis	39	C. F. Tietgen	27	Crystal	
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tair	78	Australian Reef	41	Cape Friendship	57	· · · · · ·	
naconte	11	Avontuur	44	Cape Junction	9	D. G. Papalios (T)	
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nerican Gunner	41	Azuma Maru	86	Cape Saunders	9	Daikoku Maru No. 5	
nerican Miller	25			Capetan Andreas T	86	Daisei Maru	
nerican Packer	9			Capitan Segarra	30	Daitoku Maru	
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nerican Scientist	25	1		Capricho	5	Darmstadt	
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ngelo di Maio	58	Baracaldo	25 7	Ceres (6853 tons)	28	Delfin Junior	
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lisos Ikaria	86	Permina 105 (T)	79	Rinpuku Maru No. 15 (T)	88	Senior
lisos Poros	86	Perola	12	Rio Damuji	81	Sergio Laghi (T)
isos Thasos	86	Perseus	90	Rio de Janeiro (T)	43	Sergipe
lisshin Maru	6	Pete Tide	82	Rio Ipiranga	43	Servic
isshin Maru No. 11	87	Peter Ty	27	Rio Jequitinhonha	85	Sestriere
issin Maru	82			Rio Magdalena		
		Petrochem	42		37	Settsu Maru No. 3
ixon Berry	56	Petsa I	38	Rio Maracana	43	Settsu Maru No. 7
lojima Maru	88	Phenex I (T)	53	Rio Mero	7	Shamrock Reefer
Vorderney(T)	43	Philip Minch	10	Rio Piabanha	85	Shichifuku Maru
lordingen	12	Pierre Laclede	42	Rio Sao Francisco	10	Shichifuku Maru No. 3
lorik	55	Pipedale	iō	Robert Ellis Lewis	26	Shikishima Maru
forma	12	Pioneer Cove	42	Robert J. Paisley	25	Shiko Maru No. 3
forman O. Pedrick (T)	57	Plate Ranger	<b>2</b> 9	Robert Neighbors	42	Shin Chong
formandie	4	Platon (T)				
			28	Robertina	22	Shinei Maru (137 tons)
Iormannyik	4	Pobjeda	21	Robin Kirk	10	Shinei Maru (129 tons)
orthern Princess	8	Point Fermin (T)	10	Robin Locksley	10	Shinkei Maru No. 2
lorthern Star	9	Poleire	22	Robin Mowbray	26	Shinko Maru
lorthern Trader	7	Poling Bros No. 11 (T)	53	Robin Sherwood	42	Shinko Maru No. 5
lorway Maru	11	Polly M	40	Rollanes	44	Shinsho Maru No. 11 (T
lorwich Victory	10	Popeye	28		44	Shinwa Maru
				Romance		
lotre Dame	12	Poranui	23	Rotna	4	Shinyo Maru
lovocherkassk	29	Poronaysk	52	Rudolph Wendt	86	Shinyu Maru (T)
lo. 16 Dae Yang	52	Port Napier	24	Ruby	13	Shoho Maru (T)
		Port Hobart	40	Rugen	21	Shozan Maru
		Portway (T)	24	Ruhr Ore	21	Shujaa
		Pralsa 6	23	Ryowa Maru No. 1	81	Shunyo Maru
		Presidente Mitre	23 10	Ryukai Maru No. 8	81	Shunyo Maru No. 1
					O I	
		Press	26	Rzhev	60	Shunyo Maru No. 2

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hunzan Maru No. 1	78 70	T		Tolima	85	Vestmar	
idney	79 29	T. A. T. Lucatoria	60	Toluca	89 80	Vier Gebroeders	
dney Smith	29	T. A. Johnston	58 10	Tomi Maru No. 3	88	Vikar I Vincente Suarez	
erra Bravia	40	T. E. Mitchell T.I.C. No. 21	40	Tomiwaka Maru	54	Vincente Suarez Violeta	
gtug khote-Alin	45	T.I.C. No. 21 T.I.C. No. 24	40 8	Tong Lam Tongwha No. 3	38	Virginia Ipar	
llery	79	Ta Cheng	27	Tonsina	85	Vis Vis	
lver Falcon	10	Ta Hsuing	27	Topaz	20	Volturno	
lver Ocean (T)	20	Ta Tzong	10	Toshi Maru No. 2	88	Voltaino	
lver Strand	54	Tagua	81	Toshi Maru No. 3	88		
mansur	90	Tai Fong	ĬÔ	Toshi Maru No. 5	88	W	
mon Willard	42	Taihei Maru	79	Toshi Maru No. 6	88		
nnet	42	Taihei Maru No. 1	88	Totality $(T)$	85	W. L. Eunicia II	
ntah Reefer	44	Tainan	27	Toula	25	W. S. Jennings	
quijor	45	Taira Maru	81	Toyo Maru	80	Wakachidori Maru	
ister Alex	52	Taisan Maru No. 2	88	Toyo Maru No. 1	89	Walker D. Hines	
armör	89	Taisei Maru No. 15 (T)	88	Toyo Maru No. 17 (T)	89	Wallace Triumph	
kaidi	29	Taisenzan Maru	88	Toyofuku Maru No. 3	80	Wan An	
kallabjörn	36	Taishin Maru	88	Trade Ambassador	60	Wanganella	
karbak	60	Taishin Maru No. 8	88	Trans-Oceanic Mariner	10	Warwick Trader (T)	
kredsvik	5	Taisho Maru No. 15	88	Transboringuen	10	Warynski	
logen	54	Taisho Maru No. 21	81	Transcaribbean	58	Wasaborg	
mit-Lloyd 102	52	Taishu Maru	81	Transhartford $(T)$	58	Wave Duke $(T)$	
nurperen	89	Taiyu Maru (386 tons)	54	Transhatteras (T)	58	Wave Laird (T)	
obrietas (T)	11	Taiyu Maru (357 tons)	88	Transhudson $(T)$	42	Wave Ruler $(T)$	
odemar-l	20	Takachiho Maru No. 5	<b>7</b> 9	Transoceanic Enterprise	27	Wayo Maru	
ofia	42	Takatorisan Maru	88	Transoceanic Explorer	27	Wendell L. Willkie	
ofia P (T)	<b>4</b> 4	Tama Maru No. 1	88	Transoceanic Peace	42	West Star	
oika	7	Tan 2	90	Transolar	27	Western Venturer	
ol II	23	Tanana	58	Transorleans (T)	58	Whiteman 10	
olar	44	Tandjung Layang	29	Transtexas (T)	27	Wild Ranger	
on $(T)$	29	Tantalus	25	Trident Star	85	Wilhelm Ladiges	
önke	59	Tasa 14	54	Trønderbas	4	Willena	
ont	44	Tatsu Maru (T)	37	Tropeoforos	54	William	
oshi	51	Tavros	44	Tropicana	77	William A. Richardson	
oudan	8	Teh-Ping	58	Truong Ky	7	William Black Yates	
ouris Trader	53	Tekko Maru No. 5	81	Tuatea	20	William Blount	
outhern Stars	29	Telnovsk	89	Tung Sing	60	William Carson	
outhern Venture	45	Tenjin Maru No. 3	81	Turtle Dove	19	William D. Hoxie	
pidola	29	Tenjin Maru No. 6	80	Tynesider	8	William Floyd	
pinel	8	Tenjin Maru No. 11	79	Tynshon	12	William G. McAdoo	
plendid Sky	12	Tenko Maru	88			William H. Donner	
posa	7	Tenor	29			William Moultrie	
tadthagen	27	Tenryu Maru No. 3 (T)	88			William Phips	
tålland	60	Tensho Maru No. 5	83	U		William Tilghman	
tandard $(T)$	30	Terezina	90	****	27	Willy Marie	
tanford Newel	10	Texaco Colorado (T)	10	U.S. Adventurer	27	Windheim Winfield S. Stratton	
tassi (T)	45	Texas	58	U.S. Defender	10		
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tella Polaris	13	Theodore	41	U.S. Tourist	27	Winslow Homer	
tephaniturm	52	Theodore Foster	42	Union Banker	27	Winston	
tephen Furdek	42	Theodoros Yiannakis	41	Union Transport	11	Wotan	
tevenson Taylor	10	Thomas A. McGinley	42	Universal Skipper	40	Wyola	
tolzenau	27 25	Thomas B. King	42	Usa Maru No. 2	83		
tonetown tord	25 90	Thomas B. Robertson	27	Utrish $(T)$	90 59	Y	
	81	Thomas F. Meagher	10 58	Uwe K	39	1	
towmead uavitv	25	Thomas Le Valley				Yamaguchi Maru	
uavity üderelbe	43	Thordis Presthus	5 12			Yamahiko Maru	
udix	43 45	Thorgeir Thorglimt	12 44			Yamane Maru No. 8	
ultan KL	29	Thorganic	29	$oldsymbol{v}$		Yasaka Maru	
ümer	61	Thorslep	44	▼		Yoka Maru No. 18	
umiriki Maru No. 6	81	Thüringen	80	Vaagholm	12	Yong Fong	
ummerside	81	Thurnigen	53	Vacuum Pioneer (T)	56	Yoshun Maru	
un (7172 tons)	29	Tia Juana	12	Vacuum Floncer (1) Vagabund	43	Yoshiei Maru	
un (6296 tons)	26	Tia Maria	29	Valga	89	Yuantung	
un (0290 tons)	60	Tia Pepita	12	Vantage Progress	58	Yutaka Maru No. 5	
unrise	9	Tia Sylvia	12	Vantage Progress Vardiani	45	Lutaka Mata 140. J	
unshine	12	Timber To	59	Varosi	41		
uperior Straits	90	Timber 10	9	Varosi Vassiliki	6		
uperior Straits	$-\frac{90}{25}$	Tina Tjikampek	-12	Vassiliki Västanvind	-55 	<b>Z</b>	
urf Pioneer (T)	8	Toatsu Maru	4	Vastanvinu Vendaval	89		
urfer	27	Toei Maru (1558 tons) (		Venetia V	10	Zamzam	
urprise	42		1) 28 88	Venetia v Venore	43	Zebulon B. Vance	
	42	Toei Maru (496 tons) Toho Maru	80	Venus Victory	12	Zeehond Zeehond	
usitna	44	Toho Maru No. 1	80 82	Venus Victory Veronicos Frangiski	86	Zeila	
		Toho Maru No. 1 Tokuwaka Maru	82 88	Vertrauen	59	Zenko Maru No. 3	
usitna valbard wift	52						
	53 42	Tokyo Maru No. 1 (T)	88	Vertrouwen	60	Zohra (T)	